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SPRING CATALOGUE, 1907

SEEDS
C. J. Wickson
PLANTS
FRUIT TREES

..H. M. SANBORN..

517 FOURTEENTH STREET

BRANCH STORE, BERKELEY, CAL.

Cor. Telegraph Ave. and Bancroft Way

OAKLAND, CAL.



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U. S. Department of Agriculture

PHENIX CANARIENSIS (Canary Island Palm.) For description see page 44.

NEW ROSES

New White Hybrid Perpetual Rose

FRAU KARL DRUSCHKE

This new hardy Rose is of German origin, and was first disseminated in 1900, and has since won many prizes and made many friends. It appears to be the **ideal hardy white Rose**. Its flowers, which are very large, are perfect in form and snow-white in color, with large shell-shaped petals, forming a beautiful flower. The plant is a strong, vigorous, healthy grower. **50c.**

New Hardy Rose

SOLEIL D'OR (Golden Sun).

Probably no Rose of recent introduction has attracted more attention than this. It is the first of a new race, styled "Pernetiana," and is a cross between Persian Yellow and the hybrid perpetual Antoine Ducher. It retains considerable of the character of Persian Yellow, the bark of the wood being reddish, the thorns very fine, the foliage more ample, of a beautiful green and close together; like Persian Yellow this variety is perfectly hardy, with large, full, globular flowers, varying in color from gold and orange to reddish gold, shaded with nasturtium-red, and fills the long vacant place of a good hardy yellow Rose. **40c each.**

WHITE MAMAN COCHET.

Another new American Rose. It belongs to the Tea class, being a child of that grandest of bedding or outdoor Roses, Maman Cochet. Its habit is exceedingly strong and upright, like its parent, and it possesses the same large, beautiful, healthy foliage, and is a most profuse and constant bloomer. The flowers are of enormous size, remarkably round and full, pure, clear, snowy-white throughout when grown under glass; when grown out-of-doors it pinks like Bride, but the pink only adds to its beauty, and it is delightfully tea-scented. It is by far the finest and most reliable bedding Rose yet produced. Any one can have the very finest Roses for cutting all Summer and Autumn by planting a few plants of it. **50c each.**

"BABY RAMBLER."

A dwarf (Bush, not Climbing) form of Crimson Rambler, and, furthermore, **Ever-blooming**. Will bloom continuously throughout the summer if planted out-of-doors. Has the same bright crimson color as the climbing Crimson Rambler, and blooms in clusters of 20 to 40 flowers at one time on plants of fair size. "Baby Rambler" is one of the best red Roses for bedding and is going to be just as popular and as extensively planted as the climbing form has been. May be grown in pots just as easily as Clotilde Soupert, Hermosa, or any of the old-time pot plant varieties, and will grow and bloom with but ordinary treatment from one year's end to another. We have grown a nice lot of thrifty plants for our retail trade, and expect to please every customer by furnishing the best Rose novelty of recent years. **50c each.**

MRS. B. R. CANT.

A beautiful new Rose, on the style and color of Papa Gontier. It is a free grower and free bloomer. This is a Rose that will become a standard variety. We think very much of it. Strong 2-year plants **40c.**

GAINSBOROUGH.

We are very proud to bring this fine Rose to the notice of all rosarians, be they amateur or professional. We have given it the most thorough trial, and we are fully convinced that for a hardy ever-blooming climber it has no equal, even eclipsing that grand variety, Mrs. Robert Peary. For beauty and size we place this variety at the head of the Hybrid Teas. The foliage is an exact counterpart of its parent, Viscountess Folkestone. Its delicate colors are hard to describe, being delicately tinted flesh, almost white, and lustrous as satin. When in full bloom it resembles a large, fine, white, fluffy peony, but without a suggestion of stiffness, often measuring eight to nine inches in diameter. Be sure and try this grand Rose. It makes the prettiest plant in the field of all the Roses. **50c each.**

SPECIAL OFFER — One each of the six Grand New Roses for \$2.50.

NEW CARNATION GREATER OAKLAND

OFFERED FOR THE FIRST TIME

This grand new variegated carnation was raised by Mr. Bennett, of Alden, and is now three years old, and is growing more beautiful each year. It has commanded the admiration of our many customers in our floral department during the past season. The ground color is white, beautifully marked with pink, just enough of it to make the flower chaste and attractive. The bloom is very large, quite full, nicely fringed, splendidly formed, and the flower is very fragrant. Stock of this for the present season is very limited.

Price, Small Plants, 2-in. Pots, 25 cts. Each, \$2.50 Doz.

New Improved Scabiosas

Also called Mourning Bride & Ladies' Pin Cushions

These old fashioned hardy Garden Flowers have come into public favor again. Their popularity is not at all surprising when we consider the many and varied pleasing effects these gems of the garden make. The colors are deep and light lavender, pure white, and a deep mulberry red; some of the dark shades are tipped with white and variegated. They are very useful for bouquets, as their long stems work in easily and their striking color, as well as lasting qualities, are desirable. Plant the seed in boxes or in the open ground in a protected place, and transplant to 1½ feet apart. Water freely.

All Colors Mixed, 10c pkt. Coll. of 5 Different Colors, 40c

PLEASE TAKE THIS OUT AND USE IN ORDERING.

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H. M. SANBORN

517 Fourteenth Street

Oakland, California

Your Name.....

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Quantity

NAMES OF PLANTS OR SEEDS WANTED.

Price

Amount Carried Over.

Quantity

NAMES OF PLANTS OR SEEDS WANTED

Price

Amount Brought Over.

ESTABLISHED 1852

FIFTY-FIFTH YEAR

SANBORN'S CATALOGUE

OF THE

Best Seeds, Plants, Etc.

FOR 1907



WE take great pleasure herewith in presenting our CATALOGUE FOR 1907. Being situated as we are at the hub center of the Seed and Plant industry of the Pacific Coast, with our daily intercourse with the most experienced and practical growers of the country, and our own personal observation, we are better enabled to select such Seeds, Plants, etc., as the general demands of the business call for, our constant endeavor being to keep abreast with the times.

We hope that this Catalogue will be found comprehensive and helpful, especially to the amateur and others interested in garden craft. Any information desired in the horticultural line will gladly be given to the best of our ability, either verbally or through the mail. We feel prepared to give such information to our customers and others interested in this line of work because of our long experience in its many departments.

We feel assured that the generous patronage given us in the past will continue, and we solicit orders from those who receive this Catalogue, who have not as yet favored us.

This list is designed to contain the very best information about all sorts of Plants and Seeds, (truthful descriptions, without undue praise,) that it is possible to put in this limited space, so please do not throw it lightly aside. If you are not personally interested in our line, be so kind as to hand it to some one who may appreciate it, and accept our grateful thanks.

With the assurance that all orders and communications sent us will have our most careful and prompt attention.

A WORD TO OUR PATRONS AT BERKELEY

One year ago we established a branch store at Berkeley for the convenience of the Berkeley public, and we want now to take this opportunity to thank our many new customers of Berkeley for their most liberal patronage during the past year, also of the many new acquaintances who have spoken so kindly of our new store. We appreciate the many courtesies shown us and trust we may continue to have the pleasure of your confidence and future trade.

TO CORRESPONDENTS

All orders should be sent in as early as possible.

Orders should be legibly written on a separate sheet and not mixed up in the body of the letter, thereby saving us a great deal of trouble and tending to prevent mistakes.

SEND CASH WITH THE ORDER. This can be done either in the form of a Money Order, Bank Draft, Express Order, Registered Letter, or cash may be sent by express. Remittances sent in any other way are entirely at the sender's risk. Small amounts may be sent in postage stamps.

It is requested that explicit directions for marking and shipping packages accompany each order. When it is left to us to choose the mode of conveyance, we will exercise our best judgment; but as all articles are at the risk of the purchaser after being shipped, we must not be held responsible for any loss or delay that may occur through the negligence of the transportation companies.

Our customers are requested to notify us immediately of any errors that may be committed in filling their orders, so that we may at once rectify the same, as we desire to conduct our business in all respects satisfactorily to those who favor us with their confidence.

LOCAL DELIVERY. We deliver goods free in Oakland, Berkeley, Alameda and Fruitvale.

USE THE ORDER SHEET. In each copy of our Catalogue we place an order sheet. It will aid us greatly if you will make your order out upon it, using one line for each article ordered, and as far as possible write them in the way they are catalogued, beginning at the front. We will gladly furnish you additional order sheets if you write for them.

It is important that you read all of above

BRANCH STORE, BERKELEY, CAL.,

S. E. cor. Bancroft and Telegraph Ave.

H. M. SANBORN.

517 14TH ST..

OAKLAND, CAL.

SEED DEPARTMENT

VEGETABLE SEEDS

Special Rates on Seeds in Packets

This Offer is by Mail, Postage Paid by us, to any Postoffice in the United States									
For remittance of \$1	you may select seeds,	in packets only,	valued at.....	\$1	25				
"	"	\$2	"	"	"	"	"	"	\$2 60
"	"	\$3	"	"	"	"	"	"	\$4 00
"	"	\$4	"	"	"	"	"	"	\$5 60

Poor seed invariably causes loss and disappointment. The cheapest is never the best. The best is always the cheapest. Bought of us they are the best.

This important department has our careful attention, knowing the necessity of pure, good, and true seed. It should never be the question of the buyer, "How cheap can I buy my seeds?" but "Where can I procure the very best of seeds?" A penny saved in the first instance may bring not only failure and disappointment, but labor wasted and a whole season lost. Yet a great deal depends on the season, soil, and attention given to crops, and therefore we wish to draw our customers' attention to the usual disclaimer: That while we exercise the greatest care in having all seeds pure, true and good, our seeds are sold without any warrantee, expressed or implied, and without any responsibility in respect to crop. If our seeds are not accepted on these terms, they must be returned at once.

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants. A deep rich sandy loam is best adapted for this plant. The seed should be sown thinly in drills 1½ inches deep and 1 foot apart. When large enough, transplant to permanent rows 3 feet apart, allowing 2 feet between the plants.

Improved Large Green Globe—Heads large, fleshy, and of rich flavor. Pkt. 10c; oz. 30c; lb \$3.50. Strong two-year-old roots of this variety, 20c each; \$2.00 per doz.

ASPARAGUS

One ounce will sow 50 feet of row, and produce about 800 plants. Sow the seed early in spring in drills 12 to 14 inches apart, and when well started thin out to 3 inches apart. When one or two years old, transplant into permanent beds, thoroughly trenched, 2 feet or more in depth. Set the plants in rows 2 feet apart, and not less than 18 inches apart in the row.

Columbian Mammoth White—A distinct variety of strong, vigorous growth, producing large white shoots, that remain white as long as fit for use. Pkt. 5c; oz. 10c; ¼ lb 20c; lb 60c.

Conover's Colossal—A standard sort of large size, tender and excellent quality. Pkt. 5c; oz. 10c; ¼ lb 20c; lb 50c.

Palmetto—Extensively grown for the early markets, selling at an advance over other varieties on account of its mammoth size and regularity. Quality not excelled. Pkt. 5c; oz. 10c; ¼ lb 20c; lb 50c.

BEANS.

Dwarf or Bush.

Plant as soon as danger of frost is past, in light, warm soil, in rows two feet apart, three inches apart in the rows. Keep well hoed and draw the earth up to the stems, but do not hoe when wet, as it will cause them to rust and injure the crop. Plant every two weeks until about the middle of August for a succession. 1 lb to 100 feet of drill.

GREEN-PODDED DWARF VARIETIES

If ordered by mail, add 8 cents per pound for postage.

Canadian Wonder—Handsome flat pods of great length and very tender. For string beans it has become a great favorite, while for fresh shelled beans, cooked like

Limas, hardly any variety can approach it in rich flavor and appearance. **lb 15c; 100 lbs \$10.00.**

Early Mohawk—Very early, and will stand more cold than most of the bush varieties, and on this account is considered the best for first planting; pods pale green, long and flat; seeds large, kidney-shaped, brown and purple marbled. **lb 15c; 100 lbs \$10.00.**

Refugee, or Thousand to One—Very tender and productive; the best variety for pickling. **lb 10c; 100 lbs \$8.00.**

Long Yellow Six Weeks—An early standard variety, much prized for its productiveness and excellent quality; the pods are often 8 inches long, tender and brittle; vines vigorous and branching. **lb 15c; 100 lbs \$10.00.**

WAX OR YELLOW-PODDED DWARF VARIETIES

If ordered by mail, add 8c per lb for postage.

Golden Wax—A strong-growing, distinct variety; at least a week earlier than the Black Wax. The pods are long, brittle and entirely stringless. As a snap-bean it equals most other sorts in tenderness and richness of flavor. **lb 15c; 100 lbs \$10.00.**

Improved Prolific Black Wax—In every respect first class; pods nearly round, of a beautiful bright yellow color, hanging in clusters well up from the ground; very early and continues long in bearing, which, with its immense productiveness and handsome appearance, makes it everywhere popular. **lb 15c; 100 lbs \$10.00.**

POLE AND BUSH LIMA BEANS

If ordered by mail, add 8 cents per pound for postage.

Lima Beans will not grow until the weather and ground are warm, and if planted before they are apt to rot in the ground. See culture directions for Pole Beans.

Dwarf Large White, or Burpee's Bush Lima—The true bush form of the old large Lima Pole Bean and most popular of the class. It grows vigorously to a height of 20 inches. **Pkt. 10c; lb 15c; 100 lbs \$10.00.**

King of the Garden Lima—A vigorous grower, bearing an abundance of large pods, varying in length from 5 to 8 inches,

and containing from 4 to 6 perfectly formed beans of superior quality. **lb 15c; 100 lbs \$10.00.**

POLE BEANS

The Pole or Running varieties are tender, and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills 3 to 4 feet apart; plant 5 to 6 beans in a hill, 2 inches deep, leaving space in center for the pole; when well started they should be thinned to 2 or 3 plants in a hill. **One lb makes 100 to 200 hills, according to size of the beans; 8 to 12 lbs will plant an acre.**

If ordered by mail, add 8 cents per pound for postage.

Kentucky Wonder, or Old Homestead—

Enormously productive, the pods hanging in great clusters from top to bottom of pole, and are of a silvery green color, entirely stringless; they cook deliciously tender and melting. **lb 15c; 100 lbs \$10.00.**

Blue Lake Creaseback—Handsome green pods; grows from 5 to 6 inches long, perfectly round, entirely stringless, and very fleshy; one of the best of the green-podded sort. **lb 15c; 100 lbs \$9.00.**

Lazy Wife—Pods grow from 6 to 8 inches long. Entirely stringless; of rich buttery flavor when cooked. Fine white shell beans for winter use. **Pkt. 10c; lb 15c; 100 lb \$9.00.**

Dutch Case Knife—Produces large, flat pods that are excellent for snaps, cut young. The bean is large, flat and of superior quality, green shelled or dry. **lb 10c; 100 lbs \$7.00.**

Horticultural, or Speckled Cranberry—Popular, old favorite; useful either green or dried. **lb 15c; 100 lbs \$10.00.**

Scarlet Runner—Chiefly grown for its brilliant scarlet flowers, which are borne in long racemes from July to October; also excellent as a shelled bean. Seeds as large and same shape as the Limas, mottled brown and black. **Pkt. 10c,**

BEETS FOR TABLE USE.

The soil for Beet culture should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; continue for succession as late as the middle of July;

when the plants are large enough thin them out to stand six inches apart in rows. One ounce to fifty feet of drill—6 to 8 lbs to the acre in drills.

Improved Eclipse—Very early and lasts well throughout the season. Handsome, smooth, dark, globe-shaped beet; small top; quality very desirable. Good beet for private gardens. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c.

Crosby's Egyptian—An improved strain of the Early Egyptian. While being as early, it is much thicker, smoother, of better color and quality than its parent. A most desirable Beet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Swiss Chard Silver, or Sea Kale Beet—Often called Spinach Beet. Sown early in the spring it makes a rapid growth of broad ribbed leaves and is fit for use for greens sooner than any other; it makes a small root. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

MANGEL-WURZEL AND SUGAR BEETS

Largely Grown for Feeding Stock

An ever increasing acreage is being planted for stock beets, because of the wonderful results by feeding them as shown by the reports of our Experiment Stations and leading farmers and stockmen. Fattening, breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Hog cholera is prevented by their use. Sow in rows $2\frac{1}{2}$ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about $1\frac{1}{2}$ inches, making ground firm over the seed. When 4 inches high thin to 8 inches apart. Where many are grown a good drill and cultivator are needed. Five pounds sows an acre.

Improved Mammoth Long Red, also called **Norbitan Giant, Jumbo Mangel, Colossal, etc.**—A favorite with the farmer and dairyman; large, well-formed: blood-red color; very nutritious; a big cropper.

Pkt. 5c; lb 25c; 5 lbs \$1.00; 10 lbs \$1.90.

Champion Yellow, or Orange Globe—Very productive; easily pulled; excellent keeper; spherical in shape; orange yellow. Pkt. 5c; lb 25c; 5 lbs \$1.10.

Golden Tankard—Very productive and sweet; flesh yellow, tops and necks very small; roots large; easily pulled; especially relished by sheep and cows. Pkt. 5c; lb 25c; 5 lbs \$1.00; 10 lbs \$1.90.

Vilmorin's Improved White-Sugar—Of medium size, and brought by careful selection to the highest perfection, both in shape and color of roots. Greatly esteemed by sugar manufacturers. Pkt. 5c; lb 25c; 5 lbs \$1.00; 10 lbs \$1.90.

Special prices on Mangel Wurzels or Sugar Beets by 100 or 1000 lbs.

BROCCOLI

One ounce will produce 3,000 plants. Sow thinly in seed beds. When the plants are strong enough, set out in rows 2 feet apart each way, setting the plants well down to their lower leaves. Cultivate frequently, and give a plentiful supply of water during all stages of their growth.

White Cape—A hardy and vigorous variety, heads large and firm. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb \$1.00.

BRUSSELS SPROUTS

One ounce will produce 3,000 plants. Sow as directed for Broccoli, and set the plants $2\frac{1}{2}$ feet apart each way. They require a long season of growth, but with suitable soil and liberal manuring an excellent crop of this most delicious vegetable can be secured.

Improved Dwarf—Produces compact heads, tender and of fine flavor. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Long Island Improved—Without doubt the finest variety grown; of vigorous growth, and producing handsome, solid, round sprouts of the best quality, tender, and of delicious flavor. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

CABBAGE

The ground must be highly manured, deeply dug or plowed, and thoroughly worked to insure good full-sized heads. A heavy, moist and fresh loam is the most suitable. The early varieties should be sown very early in the spring in hot bed or later in open ground. Plant out 18 inches by two feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows three feet apart, and two feet apart in the rows.

One ounce will produce 3,000 plants; $\frac{1}{4}$ lb of seed in beds enough to transplant for an acre.

Selected Early Jersey Wakefield—The standard early variety; conical in shape; medium-sized heads; very solid; few outside leaves. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Selected Premium Flat Dutch—This we consider a superior Cabbage for late use. It possesses all the good qualities of the late Flat Dutch, and is a sure header. With good cultivation on moist, rich ground, 95 in 100 will head up hard. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c; lb \$1.75.

American Drumhead Savoy—The Savoy excels all other Cabbages in flavor, and this is the best of all. Short stump, large size, solid and a sure header. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Mammoth Rock Red—By far the best of the red Cabbages. The heads are very large, and remarkably sure heading. Used largely for pickling. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb 75c.

CAULIFLOWER

The culture of Cauliflower is similar to Cabbage, but should be more thorough and ground made very rich. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. One ounce gives 1500 to 2000 plants.

Early Snowball—Very early, and one of the surest to make fine, large, solid heads. If planted March 1st, large-sized heads will be produced early in June, about one week earlier than other sorts. Its dwarf, compact habit of growth renders it one of the best for forcing under glass. Valuable for late planting as well as early. Pkt. 10c; $\frac{1}{4}$ oz. 75c; oz. \$2.50.

Veitch's Autumn Giant—The heads are beautifully white, large, compact, and being thoroughly protected by the foliage, remain longer fit for use. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 45c; $\frac{1}{4}$ lb \$1.50; lb \$5.50.

Half Early Paris, or Nonpareil—Large, white and compact; good early or late. Pkt. 10c; $\frac{1}{4}$ -oz. 30c; oz. 75c; $\frac{1}{4}$ -lb \$2.50.

CHERVIL

An aromatic, sweet herb. The young leaves are used in soups and salads. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

CHICORY

Large-Rooted Magdeburg—The roots when dried, roasted and ground, are largely used as an adulterant or substitute for coffee. The young leaves are excellent as salad. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb \$1.00.

CORN SALAD

Broad Leaved—Used as a small salad throughout the winter and spring. Sow thickly in drills; cover slightly first of autumn, and sprinkle with straw on the approach of severe winter. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 25c.

CRESS, OR PEPPER GRASS

Extra Curled—Extensively used as a small salad with lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c.

CARROTS

Deeply tilled soil of a light sandy loam is the most suitable for Carrots. Land that has been manured heavily the year previous is the best. Cover the seed about one-half inch in depth, and press the soil firmly over the seed with the feet or a roller. For early use sow as early in the spring as the ground can be worked, and for late crop from May 1st to June 1st. Sow in drills 15 inches apart and thin to three or four inches apart in row. Two and one-half pounds of seed will sow an acre, $\frac{1}{2}$ ounce to 100 feet of drill.

Early French Forcing—The earliest variety. Valuable for forcing. Root is small and round. Quality is excellent. This sort is highly prized in France. Pkt. 5c; oz. 10c; lb 75c.

Early Scarlet Horn—(Stump Rooted)—Popular for forcing and early outside. Flesh deep orange, fine grained; agreeable flavor; small top. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 25c; lb 80c.

Early Half Long Scarlet—Excellent for early market or table use, of medium size. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 25c; lb 80c.

Improved Long Orange—A deep orange colored variety, equally adapted for garden or farm culture. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 25c; lb 70c.

Large White Belgian—Grows one-third out of the ground. Root, pure white, green above ground, with small top. Flesh rather coarse. The roots on light, rich ground grow to a large size; and are extensively grown for stock feeding. Pkt. 5c; oz. 10c; 2 oz. 10c; $\frac{1}{4}$ lb 15c; lb 50c.

CELERY

Sow the seed in open ground as soon as fit to work in April, or for very early use in hot bed or cold frame. Cover very lightly. Rolling or pressing in the seed has been found more satisfactory than covering. Cut the tops off once or twice before planting out, to make them stocky. When the plants are five or six inches high, transplant the dwarf varieties three feet, and the taller sorts four or five feet between the rows. Plant six inches apart in rows. Cultivate well, and when large enough blanch by earthing up. One oz. to 5,000 plants. About $\frac{1}{2}$ lb per acre.

White Plume—For fall and early winter use this is the most popular Celery. Its eating qualities are excellent, being crisp, solid and of a pleasing flavor, while its white, feather-like foliage places it ahead of all others as a table ornament. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c.

Golden Self-Blanching—This is one of the best for general use. The ribs are perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no other variety, while it has the decided merit of being self-blanching to a very remarkable degree. The heart is large, solid, and of a beautiful rich, golden-yellow color. Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb \$1.00.

Celeriac Giant Prague—The root of this celery is turnip-shaped, sweet and tender, and may be cooked like Turnips or eaten like Radishes; used largely for seasoning meats and soups. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb 50c.

Celery Seed for Flavoring—Oz. 10c; $\frac{1}{4}$ lb 20c; lb 40c.

CUCUMBER

Cucumbers succeed best in rich, loamy soil. As soon as the weather becomes warm and settled, plant in hills four to six feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime sprinkled on the plants every few days as soon as they are up will protect them from

the striped beetle. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be picked when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. One ounce to 50 hills.

Early Cluster—Vines vigorous, producing the bulk of the crop near the root, and in clusters very early. Fruit short, holding full size to each end. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb 90c.

Improved Early White Spine—An excellent early variety for table use; grows uniformly straight and smooth; light green with white spines; tender, of fine flavor. One of the most popular. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 30c; lb 90c.

Cool and Crisp—This is early and productive. At the pickling stage they are straight, long, even and slim, and are of a dark green color. While it is one of the best pickling varieties, it is also excellent for slicing. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb 35c; lb \$1.00.

Improved Long Green—The leading variety of Long Green Cucumbers, of excellent quality, dark green, firm and crisp; most extensively grown. A standard pickling sort. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb 35c; lb \$1.00.

SWEET CORN

One pound will plant 100 hills; 8 pounds will plant an acre. Plant in hills 3 feet apart each way, covering about $\frac{1}{2}$ an inch, and thin out to 3 plants to a hill. Field varieties should be planted 4 feet apart each way; hoe and cultivate frequently.

If ordered by mail, 10 cents per pound must be added for postage. 25 pounds sold at 100-pound rates. All varieties 10 cents per package by mail, postage paid.

Black Mexican—A rather short, black variety; very sweet and delicious. lb 10c; 100 lbs \$7.00.

Early Minnesota—Very early; ears of fair size and uniform; plant rather dwarf; one of the best early kinds. lb 10c; 100 lbs \$7.00.

Mammoth Sugar—A vigorous, large, early variety, grown extensively in Alameda County for the San Francisco market. lb 10c; 100 lbs \$7.00.

Country Gentleman—The finest of all Corns for the private table. Ears 8 to 9 inches

long, cob small and irregularly crowded from end to end with pearly white kernels of great depth; quality surpassingly sweet and tender; very productive. **lb 15c; 100 lbs \$9.00.**

Stowell's Evergreen—Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary; and has the advantage of remaining longer in the green state than any other. **lb 10c; 100 lbs \$7.00.**

EGG PLANT

Sow in hot bed early in spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot bed is at hand, plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris green applied same as to Potatoes will keep them in check. One oz. to 1,000 plants.

Improved Large Purple—Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing five to six pounds. Skin deep purple with occasional stripes of green about the stem, **Pkt. 5c; oz. 35c; ¼ lb \$1.00.**

ENDIVE

One ounce will sow 150 feet of drill. Sow in any ordinary dry soil in drills 1 foot apart, covering lightly. When the plants are about 2 inches high, thin to about 12 inches in the row. When the plants have attained full size, gather up the leaves, tying together at the tips. This excludes the air from the inner leaves, which in the course of three or four weeks will become beautifully blanched.

Green Curled—Finely curled, dark green leaves; excellent plant. Not only most useful as a salad, but much used for garnishing. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Broad-Leaved Batavian—(Escarolle)—Leaves broad and nearly plain; chiefly used in stews and soups. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

KOHLRABI, TURNIP-ROOTED CABBAGE

One ounce will produce 2,500 plants. Sow in rows 18 inches apart, afterwards thin-

ning to 8 or 10 inches. When young, Kohlrabi is a delicate and palatable vegetable, and is very popular in Germany and other countries of Europe, where it is more generally used than in America.

Early Short-Leaved White Vienna—The earliest and best for either market or family use; of mild and delicate flavor. **Pkt. 10c; oz. 25c; ¼ lb 75c; lb \$2.50.**

Early White Vienna—Handsome and delicate. **Pkt. 5c; oz. 15c; ¼ lb 50c; lb \$1.75.**

KALE OR BORECOLE

One ounce will produce 3,000 plants. The varieties under this heading are treated as directed for cabbage, and transplanted from the seed beds to the ground, allowing 2 feet between each.

Dwarf Green Curled Scotch—Rarely exceeds 18 inches in height, but spreads under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green; very hardy, and will stand out where temperature does not fall below zero. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb 75c.**

Tall Green Curled Scotch—Taller in growth than the above. **Pkt. 5c; oz. 10c; ¼ lb 20c; lb 60c.**

LEEK

One ounce will sow 100 feet of drill. Succeeds best in light, rich soil. Sow in drills 1 inch deep and 1 foot apart; when 6 or 8 inches high transplant in rows 10 inches apart and set deep, so as to blanch as much of the neck as possible.

Large American Flag—The largest and most desirable either for market or family use. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Large Flag, or London—This is the sort usually cultivated. It is a hardy and vigorous plant. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

LETTUCE

One ounce will sow 200 feet of drill, and produce about 2,000 plants. Sow thinly in rows one foot apart, and thin out to 8 to 12 inches apart. To produce handsome heads, crisp and tender, a very rich, moist soil is necessary; give plenty of water and keep the soil thoroughly cultivated. If sown every two or three weeks, lettuce may be had the entire season.

Improved Hanson—An ideal summer Lettuce; none more reliable for outdoor cultivation; heads grow to a remarkable size,

and are very solid; the outer leaves are a bright green, while the inner present a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Early Curled Simpson—Forms a compact mass of yellowish green, curly leaves; earlier than head Lettuce; largely grown in cold frames and the open ground. **Pkt. 5c; oz. 10c; ¼ lb 35c; lb \$1.00.**

Improved Large Passion—(The true black seed)—It produces very fine, large, solid white heads, which will measure from 20 to 22 inches in circumference; crisp and tender and of excellent flavor. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Early Prize Head—This is not a heading variety, but forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinged with brownish red. It is of superb flavor, tender and hardy. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Paris White Cos—A popular old variety, growing to a large size, with long, conical, compact heads, blanching well when tied. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb 90c.**

California Cream—This variety forms large, solid, round, compact heads, light green outside and creamy yellow within. It is medium early, and strongly recommended as a summer variety, being very slow to shoot to seed. **Pkt. 10c; oz. 15c; ¼ lb 50c; lb \$1.50.**

HERBS

Herbs in general delight in a rich, mellow soil. Sow seeds early in spring in shallow drills one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest properly; do this on a dry day, just before they come into full blossom, dry quickly in the shade, pack close in bottles or dry boxes to exclude the air.

	Pkt.
Annis	5c
Balm	5c
Basil	5c
Borage	5c
Caraway	5c
Coriander	5c
Dill	5c
Fennel	5c
Horehound	5c

Lavender	5c
Sweet Marjoram.....	5c
Rosemary	5c
Rue	5c
Sage—Broad Leaf.....	5c
Saffron	5c
Savory, Summer.....	5c
Thyme	5c

MELON, MUSK

One ounce will plant 80 hills; 2 pounds will plant an acre. A light, warm, rich soil is essential for this crop. Plant in hills 6 feet apart each way, using 6 to 8 seeds in the hill. After all danger of destruction by bugs is over, thin out to 3 plants to a hill; when about 1 foot long pinch off the tips to make them branch. This strengthens the growth of the vines, and makes the fruit mature early. To protect the vines from bugs, sprinkle with Slug-Shot, the best insecticide we know of.

Rocky Ford—This fine variety is an improvement on the well known Netted Gem and is largely grown in Colorado and shipped by the carload to the eastern cities. It is much sought after by hotel and restaurant keepers on account of its size and exceptionally fine flavor. The flesh is greenish white in color, very juicy and rich and good clear to the rind. It is medium in size, of round oval form and a most excellent keeper. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb 90c.**

Montreal Improved Green Nutmeg—This magnificent variety is largely grown by market gardeners in the neighborhood of Quebec and Montreal, Canada, whence it takes its name. The flesh is remarkably thick and of good flavor. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Extra Early Hackensack—This is a very popular sort, producing large, handsome melons of the very best quality. It is some two weeks earlier and almost as large as Hackensack; fruit nearly round, deeply ribbed, and very coarsely netted. The flesh is green, of most delicious flavor. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

WATER MELON

One ounce to 25 hills. See Culture under Musk Melons.

Cuban Queen—One of the finest melons yet introduced. The skin is beautifully striped dark and light green—of the latter there

being two shades agreeably diversified. Their flesh is bright red, remarkably solid, peculiarly luscious, crisp and sugary. In delicious flavor it surpasses the celebrated Icing. They are wonderfully solid and good keepers, excellent to ship to market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Kolb's Gem—Largely grown, particularly in the South, for shipment to Northern markets. As a shipping melon it has hardly an equal. The fruit is nearly round; rind, dark green, somewhat marbled with lighter shades. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Selected Lodi—A large, solid, cream-colored melon, with flesh deep red, of a rich delicious flavor, with only half an inch or rind; white-seeded. Pkt. 5c; oz. 10c; $\frac{1}{2}$ lb 25c; lb 75c.

Kleckley Sweets—The melons are of large size, averaging 18 or 20 inches in length, with dark green skin, very thin rind; flesh bright scarlet with broad solid heart, crisp, sugary and melting. For the home market or family garden we believe this is the best. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 75c.

MUSHROOM SPAWN

English Mushroom Spawn—It comes in pressed bricks weighing about 20 ounces. Price per brick, 35c; 5 lbs \$1.25 postpaid; By express, per brick 20c; 2 for 35c; 10 lbs \$1.25.

MUSTARD

If ordered by mail, add 8c per lb for postage.

White or Yellow—The best variety for salads. Per oz. 5c; $\frac{1}{4}$ lb 10c; lb 20c.

OKRA, OR GOMBO

One ounce will plant 100 hills. Of easy cultivation in any good soil; plant about 2 inches deep in drills $2\frac{1}{2}$ feet apart. When well established thin to 10 and 12 inches apart and keep the soil well worked, and occasionally draw a little around the stocks to support them. The pods should be gathered while young and tender.

Long Green—Dwarf, very productive; long, green pods. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c.

White Velvet—Tender, white pods; smooth and velvety in appearance. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c.

ONIONS

A strong, deep, rich and loamy soil is most suitable for this crop. Muck beds well drained to the depth of two feet give large yields. The ground should be heavily dressed with well rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and fourteen inches apart.

Keep the surface of the ground open and free from weeds, but do not ridge up to the growing bulbs. One oz. will sow 100 feet of drill, four to five pounds per acre for large Onions, 50 to 60 lbs for sets. Market gardeners and others requiring Onion seed in large quantities should write for special prices.

Yellow Globe Danvers—An excellent variety for home use and market gardeners. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c; lb \$1.50.

Extra Early Flat Red—Remarkably early, of medium size, thriving in cool soil where others fail; a good keeper; shape uniform, round and flat, skin light red, flesh coarse-grained, white and mild; an excellent variety for home gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 50c; lb \$1.50.

Wetherfield, Large Red—Universally popular, both for market and home use; sure and heavy cropper; long keeper; grows to an immense size; of flattened form; skin purplish red; flesh white, slightly ringed with pink. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c; lb \$1.50.

White Portugal, or "Silver Skin"—An excellent and popular onion for the family garden; of medium size, flat, symmetrical, very early, good keeper; skin and flesh white, fine-grained and unusually mild and delicate; also largely used for pickles when small. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Australian Brown—This matures two to three weeks sooner than the earliest of the old sorts. Its keeping qualities are truly phenomenal, being found solid and in good condition one year after being harvested. The bulbs are of medium size and above, with small hard necks, and are a clear amber brown in color. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c; lb \$2.00.

ONION SETS

Plant near the surface, in drills 12 inches apart and 4 inches between the sets. When raised from sets the onions can be used in the green state or may be ripened off for large onions, in which case they are fully six weeks earlier than when raised from seed. Prices are subject to market fluctuations as the season advances.

Postage on onion sets is 10c per lb additional.

Yellow Onion Sets.....lb 20c

Large quantities are furnished at prevailing market prices. Please write for quotations.

PARSNIP

One ounce will sow 200 feet of drill; five pounds for one acre. Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike Carrots they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

Hollow Crown, or Long Smooth—This is the Guernsey strain. Roots oblong, ending somewhat abruptly with the tap root; best variety for general use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 15c; lb 50c.

PARSLEY

One Ounce to 150 Feet of Drill.

Sow in drills one foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When one or two inches high thin out the plants to six inches apart in the rows. Used as a garnish for table, also in soups.

Champion Moss Curled—A compact growing in finely cut and beautifully curled variety of bright green color. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 25c.

PEPPER

Sow in a hot bed in April and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and weather settled. One ounce to 2,000 plants.

Large Bell, or Bull Nose—A large, early, bright red variety, of mild flavor; a favorite for pickling and "mangoes" when green. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 60c; lb \$2.00.

Long Red Cayenne—A late variety; small bright scarlet, cone-shaped, pungent pods; as much used for pickling when green as when ripe. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb 75c; lb \$2.00.

Red Chili—Small, bright red peppers, very hot and pungent; the pods generally used for making "Pepper Sauce;" very prolific. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb 75c; lb \$2.50.

PUMPKIN

Plant in good soil when the ground has become warm in hills eight to ten feet apart each way, or as the general practice is, with corn in about every fourth hill. Two pounds per acre alone or about one pound with corn. The seeds weigh about twelve ounces to the quart. For remedy against bugs see Cucumbers.

Large Yellow Field—A large yellow variety. The best for field culture. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 15c; lb 35c; by express, 5 lbs or more at 25c.

PEAS

One pound will sow 60 feet of row. Light moderately rich soil is best for this crop. Sowing of the first early variety should be made in October, and the other varieties, for successive crops, plant every two weeks until the first of April. Peas are sown in single or double rows, from 2 to 6 feet apart, according to the variety or height to which they attain. Have the rows of the dwarf varieties 2 feet apart, and those of medium sorts from 3 to 4 feet apart, and the tall varieties from 5 to 6 feet apart.

If ordered by mail, add 8 cents per lb for postage.

Extra Early Peas

American Wonder—One of the best and most desirable varieties grown; being a cross between Champion of England and Little Gem is sufficient guarantee of its superior qualities; 1 foot. Pkt. 10c; lb 15c; 100 lbs \$10.00.

Gradus—Far superior to all smooth varieties, and can truthfully be described as having no equal for delicious flavor; vines

vigorous and bear abundantly; long, well-developed pods containing 8 or 10 large peas; 2½ feet. Pkt. 10c; lb 25c; 100 lbs \$15.00.

Main and Late Crop Peas

Telephone—Immensely productive and of the finest quality. Vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 peas each, which are of a pale green color, and are closely packed in the pod, and of most delicious flavor; 4 feet. Pkt. 10c; lb 15c; 100 lbs \$8.00.

Yorkshire Hero—Also known as Alameda Sweet Pea—This magnificent variety has become very popular. As a main-crop pea it has few, if any, equals; long, round pods, closely filled with large, luscious wrinkled peas; of extra fine quality for table use, and very productive; 2¼ feet. lb 10c; 100 lbs \$7.00.

RHUBARB, or PIE PLANT

Sow in spring in seed bed, in drills one foot apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

Linnaeus—Large and tender; the very finest of all. Pkt. 5c; oz 15c; ¼ lb 35c; lb \$1.00.

RADISH

One ounce will sow 100 feet of drill. For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills ten to twelve inches apart. The Winter varieties should be sown in July and August.

Early Round Scarlet—A small, round, red turnip-shaped Radish, with a small top, and of very quick growth. An early variety, rich color, crisp and tender. Pkt. 5c; oz. 10c; ¼ lb 20c; lb 60c.

French Breakfast—A splendid half long variety of medium size, crisp and tender, of a beautiful scarlet color, with a white tip, small top and very rapid growth. One of the best and most popular Radishes grown. Pkt. 5c; oz. 10c; ¼ lb 15c; lb 60c.

Early Long Scarlet—The standard variety for private gardens and market use. It grows six or seven inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top; one of the earliest. Pkt. 5c; oz. 10c; ¼ lb 20c; lb 60c.

Long Black Spanish—One of the latest and hardest. Roots oblong, black, of large size and firm texture. Pkt 5c; oz. 10c; ¼ lb 20c; lb 65c.

White Strasburg—An early summer radish, 4 to 5 inches long and tapering; flesh and skin white, solid and fine. Pkt. 5c; oz. 10c; ¼ lb 25c; lb 75c.

SALSIFY OR VEGETABLE OYSTER

One ounce will sow a drill 60 feet; 5 pounds will sow 1 acre. The soil should be rich and well worked to a depth of at least 18 inches. Sow in drills 15 inches apart, covering the seeds with fine soil an inch and one half in depth. When the plants are strong enough, thin them out to about 9 inches apart.

Mammoth Sandwich Island—An entirely distinct variety of this vegetable. In all respects it far surpasses the old variety. It is considered very nutritious and wholesome when properly cooked; the roots being mashed or made into fritters, it is almost impossible to distinguish them from the oyster fritters. Pkt. 5c; oz. 20c; ¼ lb 30c; lb \$1.00.

SPINACH

For spring use sow in drills 1 foot apart and for succession sow every two weeks. As it grows, thin out for use, keeping it clear from weeds. For fall use sow in August; for winter use sow in September in ground well manured. One ounce of seed for 100 feet of drill; 10 pounds for an acre.

Round Thick Leaved—One of the most popular with our market gardeners; leaves large, thick and fleshy; excellent for fall sowing, being very hardy. Pkt. 5c; oz. 10c; ¼ lb 15c; lb 35c.

New Zealand Spinach (*Tetragonia expansa*)—This is not a spinach of the ordinary type, but a plant of branching growth. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in the spring, the plants will resist heat and make a strong growth during the summer. The young branches

and leaves can be gathered at any time and prepared like Spinach, which they greatly resemble in flavor. Sow thinly in drills fifteen inches apart. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb 85c.**

Prickly Seeded—The hardest of all, therefore the best for fall sowing where the winters are severe. **Oz. 5c; ¼ lb 15c; lb 30c.**

Price on Spinach seed in larger quantities will be given on application.

SQUASH

Any good enriched soil is adapted to the growth of the Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm and thoroughly settled. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to the hill. For remedy against bugs, see Cucumbers.

Summer Varieties

One ounce to 25 hills, four feet apart each way.

Giant Summer Crookneck—This is very early and grows to a large size, often 18 to 20 inches long, and is a beautiful bright yellow. It is a profitable sort for market, keeps bearing all summer and commands good prices. It needs to be farther apart than the other bush varieties. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb 90c.**

Mammoth White Bush Scallop—An excellent large strain, earlier than the common stock, creamy white and double in size; prolific; splendid for market, and the best for shippers. **Pkt. 5c; oz. 10c; ¼ lb 30c; lb \$1.00.**

Fordhook—Good for summer or winter; fine grain, very sweet and productive. Can be used at any time of their growth. Skin very thin; good keeper. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb \$1.00.**

Vegetable Marrow—A favorite English vegetable; skin greenish yellow, flesh yellow, soft and of rich flavor. It is as easily grown as a squash, and many consider it of finer flavor. **Pkt. 10c; oz. 15c; ¼ lb 50c; lb \$1.50.**

WINTER SQUASHES

Boston Marrow—The earliest of the fall sorts; is ready for use very soon after the

summer varieties; rich orange color, good size, excellent flavor, keeps well. **Pkt. 5c; oz. 10c; ¼ lb 20c; lb 50c.**

Hubbard—Well known, and liked for late use; of superior quality; large size; color green, marked with orange; flesh dry, fine-grained and of fine quality. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb 75c.**

Mammoth Chili—True stock. Largest of all squashes. Shape oblong, pointed; very productive; profitable for stock. **Pkt. 5c; oz. 15c; 2 ozs. 25c.**

Perfect Gem Squash—It is a strong grower, as many as 24 squashes having been produced on a single vine. It is a splendid keeper. **Pkt. 5c; oz. 10c; ¼ lb 25c; lb 75c.**

TOMATO

One Ounce for Four Thousand Plants.

Sow in hot beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes, setting them four or five inches apart; give them plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Set out of doors as soon as danger from severe frost is over. Seed may be sown in the open ground also at this time, and will make strong, hardy plants that will be excellent for late fruiting. The fruit is improved in quality if the vines are tied to a trellis or to stakes.

Spark's Earliana—A valuable new variety claimed to be the largest Early Tomato in the market. It is remarkable for its earliness, large size, uniform shape, attractive red color and great productiveness. The fruit is unusually solid, there being but few seeds in them, and the quality is everything that could be desired. Those who have given it a thorough trial are generous in their praises of it. **Pkt. 5c; oz. 25c; ¼ lb 80c; lb \$2.75.**

Dwarf Stone—This Dwarf Tomato has the stout, upright and compact growth of the Dwarf Champion. The fruit is as large as the late Stone and of the same color, a bright red, while it is as early as the other dwarf varieties, and like them may be planted much closer, which makes it more profitable for the marketman and convenient for the small garden. **Pkt. 5c; oz. 25c; ¼ lb 85c; lb \$3.00.**

Beauty—An excellent variety of large size and beautiful appearance. The color is glossy crimson with a slight purplish tinge. It grows in clusters of four and five, retaining its large size late in the season; very solid. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb 75c; lb \$2.25.

Selected Trophy—This is one of the best tomatoes in cultivation; unsurpassed in size, in flavor, in productiveness. Our seed is carefully grown for us, and is saved only from perfect specimens. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb 50c; lb \$1.50.

TURNIP

One Ounce will sow one hundred and fifty feet of drill.

One Ounce for one thousand plants.

Two pounds per acre in drills 12 to 15 inches apart; one pound two feet apart; three pounds broadcast.

Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to six or eight inches in rows. For a succession, sow at intervals of a fortnight until the last week in May, and from the last of July to the end of August sowing may be made for the fall and main crops.

White Fleshed Sorts.

Early White Flat Dutch—An early white fleshed strap-leaved variety, usually sown very early in the spring; of quick growth, mild flavor and excellent quality; also grown for a fall crop. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c.

Early Purple Top Strap Leaved—This is very similar to the Early White Flat Dutch, except in color, being purple or dark red on top. It is of good quality and recommended highly for a garden turnip. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c.

White Egg—A valuable variety of rapid growth, egg shaped with thin, white skin. Solid, firm, fine grained flesh of sweet mild flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Yellow Fleshed Sorts

Orange Jelly, or Golden Ball—One of the most delicate and sweetest yellow fleshed Turnips. Not a large size, but firm, hard and of most excellent flavor; egg-shaped.

Keeps well, and as a table variety has no superior. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c.

Yellow Globe—One of the best for general crop; flesh firm and sweet; grows to a large size, excellent for table use or for feeding stock. Keeps well till late in the spring. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

Ruta Bagas or Swedes

Sow from the 20th of June to the middle of July in drills two feet apart and thin out to eight inches in the rows.

Improved Purple Top Ruta Baga—One of the best of the Swedes in cultivation; hardy and productive; flesh yellow, of solid texture, sweet and well flavored. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 15c; lb 50c.

NEW CROP CLOVER AND GRASS SEEDS

The prices of some varieties of Grass and Clover Seeds may change as the season advances. Prices now given are those prevailing when this catalog was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities. If ordered by mail, 10 cents per lb must be added for postage.

Kentucky Blue Grass—Fancy or double extra clean.....lb 25c

Perennial Rye Grass—It grows rapidly and makes a good showing within a month from time of sowing. Specially selected recleaned Australian Rye Grass for lawnslb 15c

Millet, German—Will grow on any good land, and yields heavily when artificially wateredper lb 10c

Clover Seed.

Alfalfa—One of the most valuable and largely grown forage plants, yielding five or six crops of hay in the season, which is relished by all kinds of stock, and is very nutritious. Twenty-five to thirty pounds of seed is required for an acrelb 20c
Large lots at market rates.

Red Clover—Valuable not alone as a forage plant, but also for its fertilizing properties

on the soil; makes an excellent quality of hay, and can be cut twice a year. 15 lbs to the acre.....lb 25c
Large lots at market rates.

White Clover—Of dwarf habit with creeping stems, rooting at the joints, on which account it makes an excellent turf that stands constant tramping. Sow 8 to 10 lbs to the acre. Large lots at market rates.....lb 35c

MISCELLANEOUS SEEDS

If ordered by mail, 10 cents per pound must be added for postage.

Those wanting seeds in larger quantities than here quoted should write us for special prices.

FIELD CORN

King of the Earliest—One of the earliest yellow-dent corns in cultivation. Stalks grow from 6 to 7 feet high; ears 7 to 9 inches long; very deep, soft grain, and small, red cob. It ripens in 80 days from planting, and is a week to 10 days earlier than "The Pride of the North" and Yellow Canada Flint." lb 10c; 100 lbs \$5.00.

Golden Beauty—A grand new Dent variety of gorgeous growth and immensely productive on rich soil. The ears are of perfect form, remarkable in size, filled to the tip with 10 to 14 rows of remarkably large, bright, golden grains. Cob very small for so large an ear. Ripens in from 110 to 120 days. lb 10c; 100 lbs. \$5.00.

Champion White Pearl—The stalk is short and thick. The ear grows low on the stalk, from 7 to 12 inches in length, almost parallel throughout; of medium size, averaging 16 rows of grain. The grains are pure white, very deep, compact and heavy; the cob is small. It makes a superior quality of cornmeal. Matures early. We recommend it highly. lb 10c; 100 lbs \$5.00.

POP CORN

White Pearl—Our common market variety. Pkt. 5c; lb 10c.

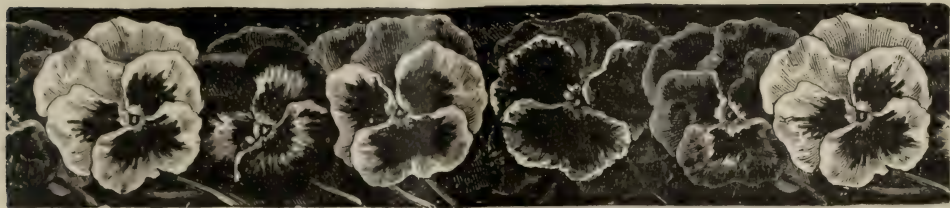
White Rice—A very handsome variety; kernels long, pointed, and resembling rice; color white. Very prolific. Pkt. 5c; lb 10c.

Jerusalem Corn—Belongs to non-saccharine sorghums. It is considered a good cure grain for dry sections and seasons. It produces several small heads on side shoots, often as many as 8 heads on a stalk. The grain being very small, it makes most excellent chicken food. Three pounds will plant 1 acre. lb 10c; 100 lbs \$6.00.

Early Amber Sugar Cane—One of the most valuable forage plants and will yield several cuttings a season. Culture the same as for corn. 100 lbs \$4.00.

Kaffir Corn—This variety is entirely distinct from our common Indian Corn, and is especially desirable for planting where the summers are hot and dry. The stout stalks grow stiffly erect, from 6 to 10 feet in height, according to location and richness of the soil. The stalks and blades cure into good fodder and are also desirable to furnish green forage during the summer months. The seed is borne in a loose, branching head 10 to 12 inches in length, at the head of the stalk. On good land the Kaffir Corn will yield fully fifty bushels per acre. It is esteemed highly for feeding to both stock and poultry. lb 10c; 100 lbs \$6.00.

Sunflower, Mammoth Russian—Highly valued by farmers and poultry breeders who have tried it, as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills 4 feet apart each way. Three pounds of seed will plant 1 acre. Yields from 50 to 70 bushels per acre. lb 15c; 100 lbs \$7.00.



Selected Flower Seeds

Our Flower Seed List is carefully revised each season, bringing it right down to date on all new and standard varieties of merit and having distinct characteristics, so that if a reasonable amount of care is given to them, all will give good returns. Our aim is to supply nothing but the best and surest to please.

No garden, whether large or small, is complete without a flower bed of select flower seeds. Include a few packets with your Vegetable Seed order.

Divisions of Flowers—Flowers are usually divided into Annuals and Perennials. Annuals are those that bloom and ripen seed the first year then die. Among these may be found Asters, Balsams, Mignonette, Pop-

pies, Sweet Peas, Nasturtiums, Morning Glories, and many other very brilliant and fragrant flowers. In fact, if you want flowers early in the season and all the time until frost, a good selection of Annuals will not disappoint you. Perennials are those that endure our Northern winters with little or no protection, and live and bloom several years in succession. A large majority of the Perennials will bloom the first year if started soon in the spring. Hollyhocks, Verbenas, Columbine, Calliopsis, Larkspur, Foxglove, etc., are popular in this class. Many of our Flower Seed Packets give cultural directions. All Flower Seeds are sent free by mail on receipt of price.

DISCOUNT ON PACKET FLOWER SEEDS

For 25c.....	Select 6 5c or 3 10c Packets	For \$1.00.....	Select Pkts. to the amt. of \$1.30
For 50c.....	Select 14 5c or 7 10c Packets	\$2.00.....	Select Pkts. to the amt. of \$2.75

Acrolinium—Very pretty annual, producing white and rose-colored daisy-like flowers in August and September. These are the "Immortelles," so desirable for wreaths and winter bouquets. 1 foot. **Double mixed, pkt. 5c; single mixed, pkt. 5c.**

Ageratum—Valuable for large beds or borders, and very useful where cut flowers are in demand. Blooms the whole summer; also good for winter blooming; easy culture, succeeding in any soil; half-hardy annual.

Ageratum, Imperial Dwarf Blue—A fine plant for ribbon borders; 5 inches. **Pkt. 5c.**

Alyssum—Dwarf-growing plants, blooming profusely throughout the season. The flowers are fragrant and extensively grown for cutting.

Alyssum, Little Gem—White, distinct, and very sweet, 6 in. **Pkt. 5c.**

Amaranthus—Brilliant foliage, with curious racemes of flowers; very ornamental and of easiest culture.

Amaranthus tricolor splendens (Joseph's Coat)—Foliage scarlet crimson, yellow and bronze green. 2 feet. **Pkt. 5c.**

Antirrhinum (Snapdragon)—An old garden favorite, with odd-shaped flowers and pretty spotted throats; deliciously fra-

grant; one of the most showy border plants; of easiest culture; they thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make the prettiest edgings.

Antirrhinum, Dwarf Varieties—Mixed. Pkt. 5c.

Antirrhinum, Tall Varieties—Mixed. Pkt. 5c.

Aquilegia (Columbine)—Charming, hardy perennial plants. Growing from 1 to 3 feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple, striped. For planting in borders or along the edges of shrubbery this is one of the best of all hardy plants. Double and Single.

Aquilegia—Mixed. Pkt. 5c.

Simple Late Blooming Branching Aster—

These asters are of great value both for garden decoration and for cutting. The flowers are large, 4 inches across, are very double, of purest colors, and borne on unusually long stems, the fact that they bloom so late, commencing about the first of September, and continuing until frost. The plants are strong, luxuriant growers, 18 inches to 2 feet high. White crimson, pink and lavender. Pkt. 10c; mixed 10c.

Comet Aster—A beautiful class, forming fine, regular pyramids 12 to 15 inches high, covered with large double flowers. In shape they resemble a large flowered Japanese Chrysanthemum, the petals being long and twisted or curled or wavy. White, lilac, carmine and pink. Pkt. 10c; mixed 10c.

Balloon Vine (Love-in-a-Puff)—A rapid growing handsome climber. Suitable for inside or outside decoration. Annual. Pkt. 5c.

Balsam (Lady's Slipper)—An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion. Of easy culture. Succeeds in good, rich soil. Annuals. Mixed. Pkt. 5c.

Brachycome (Swan River Daisy)—A beautiful free-flowering, dwarf-growing plant. Covered during the summer with a profusion of cineraria-like blossoms. Blue and white flowers. Pkt. 5c.

Calendula (Cape Marigold)—Showy, free-flowering, hardy annuals, producing a fine effect in beds and borders, and flowering very late in the autumn. Extensively used by florists. Grows well in any good garden soil. Pkt. 5c; oz. 25c.

Calendula Officinalis (Le Proust)—Double. Nankeen colored. Pkt. 5c; oz. 25c.

Canterbury Bells—Very ornamental garden plants of the easiest culture. Hardy biennial. 2½ feet high, producing large, nodding and charming bell-shaped flowers of exquisite shades of blue, white and purple. Double. Mixed. Pkt. 5c; single, Pkt. 5c.

Canary Bird Vine—Splendid climber for house or garden. Blooms freely and is of easy cultivation. Bright yellow flowers. Pkt. 5c; oz. 40c.

Candytuft—One of the most useful annuals. Very effective for beds, groups, ribbons, etc. Also for conservatory decorations. Indispensable for bouquets. Sown in the spring, it flowers all summer. Hardy and easy to cultivate.

Candytuft (Empress, or Snow Queen)—A complete mass of pure white flowers, borne on a candelabra-shaped plant. Pkt. 5c; oz. 40c.

Carnation (Marguerite)—This magnificent species has met with enormous success. Thousands of gardeners and amateurs state that a similar valuable novelty has never been offered. This variety will flower from seed in about 4 months after sowing. The plants are of robust habit, and flower most profusely. Early sowing will give a profusion of sweet-scented flowers in July. Pkt. 15c; oz. \$2.00.

Celosia cristata, or Cockscomb—One of the most satisfactory plants for garden decoration, producing their richly-colored flowers in comb-like form. For the best results sow early and transplant.

Celosia cristata, Tall Finest Mixed—2 to 3 feet. Pkt. 5c.

Celosia cristata, Dwarf Finest Mixed—9 in. Pkt. 5c.

Centaurea cyanus (known by the common names of Bachelor's Button, Corn Bottle, Ragged Sailor, Kaiser Blumen and Corn Flower)—A very old favorite garden annual, flowering freely in almost any situation. For cut flowers they are largely

used in this country, a little bunch of the blue Corn Flower being a favorite bou-tionniere.

Centaurea cyanus, Emperor William—Finest dark blue. Pkt. 10c.

Centaurea (Dusty Miller)—Silver foliated plants, extensively used for edgings, baskets, etc.

Centaurea candidissima—Attractive, silvery, cut leaves. 1 foot. Pkt. 10c.

Centaurea gymnocarpa—Graceful, finely cut, silvery gray leaves. 1½ feet. Pkt. 10c.

Centaurea imperialis, or Giant-Flowering Sweet Sultans—These new mammoth flowering varieties are grand improvements, producing long-stemmed blossoms 3 to 4 inches across, of graceful, airy effect, and most deliciously fragrant—the colors of these flowers are infinitely varied from glistening white through shades of red, from flesh-pink to crimson and through blues from silvery lilac to royal purple, some of them having centers of some distinct color, as violet with white center, etc.; for bouquets, vases, or as corsage flowers they are of exceptional value. If cut scarcely opened they will last for ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high.

Centaurea imperialis chamaeleon—Bright yellow. Pkt. 10c.

Centaurea imperialis, Choice Mixed—All colors. Pkt. 10c.

Cineraria (Hybrid Grandiflora)—Splendid plants for the decoration of the conservatory or window, garden; unsurpassed for richness and variety of vivid colors ranging through all shades of blue, purple and crimson; the seed is easily started and the plants grow readily in good ordinary soil. Pkt. 25c.

Chrysanthemum (Tricolor)—This is often called "Painted Daisies," and it is of easy culture and rapid growth; star-shaped blossoms, and is a favorite wherever grown. It will succeed in any location and almost any kind of soil. Pkt. 10c.

Clianthus Diampieri (Glory Pea of Australia)—One of the most gorgeous flowers in existence; the flowers are pea-shaped, of a brilliant scarlet color with intense black center; requires a dry, warm soil and little water. Pkt. 15c.

Cobea—A very fine and rapid-growing climbing plant, with large bell-shaped purple flowers and beautiful foliage. Needs rich soil. Plant the seed edge-wise and cover lightly. Pkt. 10c.

Coreopsis—See Calliopsis.

Corn Flower—See *Centaurea*.

Cosmos—The plants, 5 to 6 feet high, are one mass of feathery green foliage, gemmed with large single flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. For bouquets and vases this is one of the finest flowers grown.

Cosmos, Giant Crimson..... Pkt. 10c

Cosmos, Giant Pink..... Pkt. 10c

Cosmos, Giant White..... Pkt. 10c

Cosmos, Giant Mixed..... Pkt. 10c

Cypress Vine (Impomoea Quamoclit)—This is a most beautiful climber, with delicate, dark-green, feathered foliage, and an abundance of bright star-shaped scarlet, rose and white blossoms, which in the bright sunlight present a mass of beauty. Planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier. The seed will sprout more readily if allowed to soak in luke-warm water for a few hours before sowing. Mixed, Pkt. 5c.

Coreopsis (Calliopsis)—Colors are bright and striking. Flowers are red, yellow and brown. Beautiful and fine for bouquets. Hardy annual. Mixed, Pkt. 5c.

Coreopsis Lanceolata Grandiflora—"California Sunbeams." This is a perennial, blooming the first year from seed, and producing a succession of flowers about 3 inches in diameter. The petals are broad, with plain round edges in some flowers; in others they are toothed or fringed. They vary in color, from pale light yellow to orange yellow, some being darker around the eye. The stems are long, and the flowers keep fresh in water for a week or ten days. Pkt. 10c.

Convolvulus, or Morning Glory—Beautiful free-flowering and remarkably showy plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect.

Convolvulus minor—Dwarf varieties; mixed colors. Pkt. 5c.

Convolvulus major—Climbing varieties; mixed colors. Pkt. 5c.

Convolvulus, Giant Imperial Japanese—A new class of Morning Glory from Japan. The flowers are of exquisite beauty in form and coloring, and of enormous size, often 5 to 6 inches in diameter. They are easily cultivated, and grow rapidly to a height of 30 to 40 feet. The colors vary from pure white to rose, crimson and carmine, through blues and purples to almost black, some being mottled, penciled and bordered in infinite variety and diversity. The foliage also is often prettily variegated. Pkt. 10c.

Dahlia—One of our best late summer and autumn flowering plants; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June. Many prefer the single sorts to Cosmos, they having a larger variety of colors and a longer season of bloom.

Dahlia, Single Giant Perfection—Surpassing all others in size and colors. Pkt. 10c.

Daisy—A well-known favorite border plant. Needs a cool, shaded place. Will bloom the first season if sown early. Double. Mixed. Pkt. 10c.

Daisy (Longfellow)—Very double large dark rose flowers. Pkt. 10c.

Daisy (Snowball)—A large and very double pure white Daisy. Excellent for cutting. Pkt. 10c.

Dianthus, or Pinks—The pink, picotee and carnations all belong to this genus. They are all noted for their large, sweet-scented white, pink and red colored flowers and profusion of blooms. Sow early in the spring, in light soil in shallow boxes; transplant the young plants as soon as they have a few leaves into small pots or in the garden.

Dianthus (Chinensis)—China or Indian Pink. Double Mixed. Pkt. 5c.

Dianthus (Heddewigi)—Double. Fine mixed. Pkt. 10c.

Delphinium (Hardy Larkspur)—Handsome hardy perennials; splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.

Delphinium formosum—Popular for groups; tall spikes of dark-blue flowers with white eyes. 2 to 3 feet. Pkt. 5c.

Delphinium, Finest Mixed Hybrids—Pkt. 5c.

(For annual varieties, see Larkspurs.)

Digitalis (Foxglove)—Handsome ornamental plant of stately growth and long spikes of finely-colored flowers; fine for shrubberies and half-shady places; brilliant colors. Mixed. Pkt. 10c.

Dolichos (Hyacinth Bean)—Annual climbing plants of rapid growth, bearing large clusters of showy flowers of either crimson or white. 10 feet. Mixed colors. Pkt. 5c.

CALIFORNIA POPPY

Eschscholtzia—The Golden Eschscholtzia has aided in no small degree in making California famous as a land of sunny flowers, and has very appropriately been selected as the State flower of California. In its wild state it covers thousands of acres of our California hills and plains with its intensely brilliant flowers, which, in the bright sunlight, are perfectly dazzling. Needs light, rich soil. Shades of yellow. Pkt. 5c; oz. 25c.

Feverfew—See *Matricaria* and *Pyrethrum*.

Forget-Me-Not—See *Myosotis*.

Four-o'clocks—See *Marvel of Peru*.

Foxglove—See *Digitalis*.

Gaillardia—Very showy garden plants, 1 to 2 feet high; grown in masses they are especially effective; large flowers, 2 or 3 inches across, produced from early summer until frost; unrivaled for cutting.

Gaillardia grandiflora superba—Splendid variety; dark red, with bright yellow border. Pkt. 5c.

GOURDS—ORNAMENTAL

Excellent for covering verandas or trellis-work and for training over arbors, fences, etc. The varieties in our collection have been selected either for the ornamental character of the foliage, the singularity or symmetry of their fruit, the variety of their coloring, or their usefulness. **Gourds, Mixed Ornamental Varieties**—Pkt. 5c.

Godetia—An attractive, hardy annual covered with flowers of beautiful and delicate colors. Fine Mixed. Pkt. 5c.

Golden Feather—See *Pyrethrum*.

Golden-rod (*Solidago Canadensis*)—Well-known golden-yellow, hardy perennial. 3 feet. Pkt. 5c.

Gypsophila (Baby's Breath)—Small, fragrant flowers, borne on long, feathery stems. No flower adds more light and grace to a bouquet than this, and when once grown will be found indispensable. Although not belonging to the immortelle class, the flowers dry finely, and are desirable for winter bouquets.

Gypsophila elegans—White and pink. Mixed. Pkt. 5c.

Gypsophila paniculata—A perennial variety, with a mass of fine leaves and branches, covered with tiny white star-shaped flowers. Pkt. 5c.

Helichrysum—Flowers are mostly used for winter bouquets, for which they are cut before blooms are expanded, and dried in the shade. All colors mixed. Pkt. 5c.

Heliotrope—A universal favorite on account of its delicious fragrance; excellent for cutting. Seed sown in early spring will make fine plants during summer.

Heliotrope, Finest Mixed. Pkt. 10c.

Hollyhock—The distinctive character and massive beauty of the Hollyhock render them unrivaled as a picturesque relief to the dark background of evergreen shrubs. For distant effect in large groups they are matchless. They also form a showy and effective outline in flower-gardens and borders. Their color variety is wonderful, ranging from pure white through almost every conceivable shade of yellow, red and rose, to ashen-gray and almost black. If sown early will flower the first season.

Hollyhock, Double—All colors mixed. Pkt. 10c.

Ice Plant (*Mesembryanthemum*)—Profuse flowering, dwarf trailing plants of great beauty, blooming the whole summer; thriving best in a dry, loamy or sandy soil, and require a warm, sunny situation. Fine for beds, edgings, rock-work, etc. Pkt. 5c.

Impatiens Sultani (Zanzibar Balsam)—Much prized for window culture. The foliage is waxy green, and with semi-transparent branches makes a plant in itself attractive. The bright, rosy, carmine flowers are very delicate and pretty. Pkt. 10c.

Ipomoea—Moonflower, Morning Glory and Cypress Vine belong to this family, and all are very pretty, rapid-growing, climbing plants, with handsome, bright-colored, trumpet-shaped flowers; excellent for covering old walls, stumps, arbors, etc.

(For ordinary Morning Glory, see *Convolvulus*.)

Ipomoea Learii—Large dark-blue flowers; splendid. Pkt. 25.

Ipomoea noctiflora hybrida (Moon Flower)—One of the most beautiful and rapid-growing climbers now cultivated. At night and during dull days the plant is covered with large, pure white, fragrant flowers, 5 to 6 inches in diameter. Pkt. 10c.

Ipomoea Quamoclit—See Cypress Vine.

Larkspur—Popular garden annuals; the long spikes of splendid flowers are of varied colors.

Larkspur, Dwarf Rocket—Mixed. Pkt. 5c.

Larkspur, Tall Rocket—Mixed. Pkt. 5c.

Lavender—Chiefly cultivated for the delicious and lasting fragrance of its flowers; succeeds in any common garden soil. Pkt. 5c.

Linum grandiflorum rubrum (Scarlet Flax)—Free-flowering annuals, with fine foliage and brilliant dark scarlet flowers. Pkt. 5c.

Lobelia—Mostly small, round, compact plants, forming little mounds of bloom; splendid for edging, beds and ribbon-gardening, and fine for pots.

Lobelia compacta, Crystal Palace—Compact, dark blue, fine. Pkt. 10c.

Lobelia gracilis—Bright blue trailer; best for hanging-baskets and vases. Pkt. 5c.

Marguerite—See *Chrysanthemum*.

Marigold—Well-known, extremely showy garden plant, with handsome double yellow and brown flowers, of varied shades; succeeds in good garden soil; annual.

Marigold, African El Dorado—Large-quilled double flowers in brilliant shades of yellow. Pkt. 5c.

Marigold, African, Pride of the Garden—Extra large double flowers of richest yellow. Pkt. 5c.

Marigold, French Legion of Honor—Single, golden-yellow blossoms, marked with velvety red. Pkt. 5c.

Pot Marigold—See *Calendula*.

Marvel of Peru (Four-o'clock)—Flowers are funnel-shaped, white, red and striped, and are very fragrant, and open about 4 o'clock in the afternoon. The French call it *Belle de Nuit* ("Beauty of Night"). Will grow in any garden soil from seed sown in the open ground. 2 feet. Mixed. Pkt. 5c.

Maurandia (Giant-Flowering)—Beautiful climber for either garden or greenhouse decoration; gemmed with *Gloxinia*-shaped flowers of rich purple, white and rose, fully double the size of the older, well-known sorts. The plants from seed sown in spring will begin flowering by July and continue until frost. Mixed colors. Pkt. 10c.

Mignonette (*Reseda*)—A well-known hardy annual, producing dense spikes of exceedingly fragrant flowers; it is so fragrant that the whole atmosphere around is perfumed. If sown at intervals in spring and early summer, it will be in bloom till killed by frost; seed sown in autumn will bloom early in spring. 1 ft.

Mignonette, Machet—Deep red. Pkt. 5c.

Mignonette, Sweet—The old favorite. Oz. 15c; pkt. 5c.

Mimosa pudica—See *Sensitive Plant*.

Mimulus (Monkey Flower)—Admirable for pot plants and sheltered places in the garden; colors and markings of the flowers are very rich and beautiful. Annuals of low spreading growth.

Mimulus moschatus (Musk Plant)—Beautiful yellow flowers and fragrant foliage. Pkt. 5c.

Mimulus tigrinus grandiflorus—The finest tigered and spotted varieties, rivaling the *Calceolaria* in its brightness; mixed colors. Pkt. 10c.

Moon Flower—See *Ipomoea*.

Morning Glory—See *Convolvulus*.

Myosotis (Forget-Me-Not)—These beautiful little plants are too well known to need commendation.

Myosotis alpestris, Blue—Pkt. 5c.

Nasturtium, Tom Thumb or Dwarf—When planted in beds or masses, the brilliant effect of these splendid flowers is scarcely surpassed by any of our finest bedding plants.

Nasturtium, Finest Mixed Tom Thumb Varieties—Oz. 15c; pkt. 5c.

Nasturtium, Tall or Climbing—A well-known ornamental, profuse-flowering plant; adapted for rock-work, banks, covering trellises or rustic work. The seeds, if pickled young, are an excellent substitute for capers.

Nasturtium, Bright Rose—Oz. 15c; pkt. 5c.

Nasturtium, Dark Crimson—Oz. 15c; pkt. 5c.

Nasturtium, Dunnett's Orange—Orange-red, Oz. 15c; pkt. 5c.

Nasturtium, Pearl—Almost white. Oz. 15c; pkt. 5c.

Nasturtium, Sunlight—Giant, rich golden. Oz. 15c; pkt. 5c.

Nasturtium, Vesuvius—Bright salmon, dark foliage. Oz. 15c; pkt. 5c.

Nasturtium, Finest Mixed Tall Varieties—Oz. 10c; pkt. 5c.

Nemophila—Neat, compact, hardy annual, with flowers of varied colors; in bloom throughout the summer.

Nemophila insignis (Baby Blue Eyes)—Sky blue with white eyes. Pkt. 5c.

Nigella (Love-in-a-Mist)—A very interesting, free-flowering plant, with curious looking blue and white flowers. Mixed. Pkt. 5c.

Petunias—No other flower surpasses the *Petunia* for massing in beds. Their richness of color, duration of bloom and easy culture will always render them popular. They do well sown in open border in spring, or earlier in a cold frame or hot bed and transplanted 18 inches apart. By the latter process they will come into bloom much earlier. Be careful not to cover the small seeds too deeply.

Petunia, Giants of California—The flowers of this remarkable strain are large, some of them measuring 5 inches in diameter; the colors are intense and varied, self-colored and exquisitely penciled. Pkt. 25c.

Petunias, Single Fine Mixed—White, crimson, pink, strip-blotched, etc. Pkt. 5c.

PANSIES

The Universal Favorites.

Sanborn's Special Strain of Giant Five-Spotted Pansy.

Enormous sized Pansies of rich, velvety texture. Every one is different and all

are distinctly marked with rich and varied shades and colorings. These pansies are the most perfectly formed of any we have ever seen. Flowers are carried on good strong stems and are of good substance. Their robust growth makes them a general favorite. Every lover of pansies should try this strain.

Sanborn's Giant Prize Mixed Pansies—Pkt. 25c.

Fine Mixed—A very good strain in a great variety of colors. Pkt. 10c.

Pentstemon—Beautiful and attractive hardy herbaceous plants, with long, graceful spikes of richly colored flowers. Extra fine mixed. Pkt. 10c.

Phlox, Drummondii grandiflora—For beds and massing, nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. This strain has beautiful round petaled flowers, larger than in the older sorts; showy and constant.

Phlox, Fine Mixed—Large-flowering sorts only. Pkt. 5c.

POPPIES

Annual Varieties.

Showy and ornamental plants, with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. Of easy culture, succeeding in any garden soil. Flowers in great profusion all summer, if sown in early spring. Sow where they are to remain, as they do not bear transplanting. Sow thinly, and almost on top of the soil.

Poppy (Carnation Flowered)—Splendid double-fringed flowers. Mixed. Pkt. 5c; oz. 20c.

Poppy (The Shirley)—A very beautiful selection of the *Ranunculus*-flowered Poppy. The range of colors extending from pure white through the most delicate shades of pale pink, rose, and carmine to crimson. Whilst, to add to the effect, many are delicately edged, shaded and striped. The form is semi-double. A valuable flower for table and general decoration, as the blooms, when cut young, will keep in water for several days. Pkt. 5c; oz. 50c.

POPPIES—PERENNIAL VARIETIES

Poppy Orientale—Gorgeous summer-flowering plants, producing in abundance deep crimson flowers, 5 to 6 inches across. Pkt. 10c.

Poppy, New Giant Yellow Tulip—A beautiful primrose yellow, excellent for cut flowers, as it keeps a long time; in fact, is never out of bloom until frost. Pkt. 10c.

Portulaca—Of easy culture, thriving best in light loam or sandy soil, and luxuriating in a sunny situation. The flowers are of the richest shades of colors and produced throughout the summer in profusion; fine for massing in beds, edgings or rock-work. Low growing, almost forming a beautiful carpet bed if planted thickly.

Portulaca, Single Mixed—A large variety, of the most brilliant colors. Pkt. 5c.

Pyrethrum, Golden Foliage Sorts—Dwarf-growing plants, largely used for edgings and ribbon work; they are usually grown and treated as annuals. 9 inch.

Pyrethrum aureum (Golden Feather)—Pkt. 5c.

CALIFORNIA SWEET PEAS

FASHION'S FRAGRANT FAVORITE FLOWER

Sweet Peas are among the most beautiful of all our hardy annuals. And ordinary garden soil is well adapted for growing them. Select a sunny open space, several feet from any building or close fence, and as far as possible from large trees. Sow as early as possible. Plant in double rows, six inches apart and four inches deep dropping them in this manner ° ° ° °. When up, hoe the soil toward the plants a little, but do not form a ridge. Furnish support early. The following list embraces the most desirable sorts that have been brought out up to the present time, although we can furnish any of the 150 varieties offered by the trade.

The following Sorts 5c per packet, any 7 packets for 25c; 10c per oz; 60c per lb.

WHITE

- Blanche Burpee**—Large pure white, of graceful form.
Dorothy Eckford—The latest and best white.
Emily Henderson—Large pure white.

BLUSH

- Duchess of Sutherland**—White, veiled with blush pink; exquisite.
Sensation—Rosy buff pink, white wings.

CREAMY BUFF

- Venus**—Buff pink, wings a shade lighter, distinct and fine.
Queen Victoria—Rosy primrose, wings cream.

PALE YELLOW

- Hon. Mrs. Kenyon**—A grand primrose yellow.
Mrs. Eckford—Primrose yellow.

PALE PINK

- Prima Donna**—Exquisite rose pink, large and profuse.
Lovely—Warm rose pink, large and extra fine.
Countess of Lathom—Delicate rosy pink, tinged chamois.

ROSY SALMON

- Lady Mary Currie**—Fiery orange pink, wings orange rose, very bright.
Oriental—Bright rosy salmon, slightly paler wings.

SHADES OF ROSE

- Mrs. Dugdale**—Carmine rose, shaded yellow.
Royal Rose—Deep carmine rose, wings rose pink.
Prince of Wales—Bright rose carmine, wings carmine.

BLUE AND PURPLE

- Navy Blue**—Dark indigo blue and violet; the best blue.
Countess of Cadogan—Bright violet, wings sky blue.
Emily Eckford—Heliotrope blue, wings lavender blue.

VERY DARK COLORS

- Black Knight**—Deep maroon, veined black.
Othello—A beautiful dark chocolate red.
Duke of Sutherland—Dark purplish maroon, wings violet indigo.

PINK AND WHITE

- Blanche Ferry**—Rose red, wings blush white.
Earliest of All—An early flowering Blanche Ferry.

ORANGE BICOLOR

- Gorgeous**—Brilliant orange salmon, wings orange.
Prince Edward of York—Carmine scarlet, wings crimson.
Countess of Powis—Pale orange standard, with pink wings.

CRIMSON

- King Edward VII**—A grand new crimson.
Salopian—Rich deep crimson, very large and of fine form.
Firefly—Bright crimson scarlet, intensely brilliant.

LAVENDER

- Lady Grisel Hamilton**—Beautiful silvery lavender.
Countess of Radnor—Rosy lavender, wings pure lavender.
Lady Nina Balfour—Delicate Lavender, shaded with a beautiful shade of gray.

CLARET RED

- Duke of Westminster**—Deep maroon, overlaid with violet.
Captivation—Claret magenta, wings heliotrope.

STRIPED AND VARIEGATED

- Mrs. Jos. Chamberlain**—Striped bright rose on white.
Ramona—Light pink striped on white.
Lottie Hutchins—Light primrose, striped pink.

BLUE AND WHITE

- Lottie Eckford**—White suffused rosy lilac, blue edge.
Golden Gate—Pinkish mauve and lavender.
Sanborn's Rainbow Mixture—Extraordinary care has been taken in making this mixture, nothing but varieties of the improved grandiflora type being used, and in such quantities as to produce best color effect. The finest mixture of Sweet Peas offered. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 60c.

CUPID, DWARF OR BEDDING SWEET PEAS

These dwarf Sweet Peas are of real value for borders, beds or pots. Pkt. 10c; oz. 20c.

SWEET PEAS IN SEPARATE COLORS

Oftentimes some special color is desired for decorations, and if your Sweet Peas are grown in this way all you have to do is to gather what you desire instead of sorting them from mixtures of many colors; we therefore also offer mixtures made up of such shades as harmonize together.

Pink, Red, Lavender, Purple, White,, Striped, Sorts

Any of the above shades 10c per ounce; 60c per pound.

New Giant Orchid Flowered SWEET PEAS

Seedlings of Countess Spencer

These magnificent Sweet Peas open up a new and distinct race, producing truly wonderful blooms of enormous size, beautifully waved or crimped in a most unique and pleasing manner. The flowers are borne on long stout stems three or four to the stem, attaining often a diameter across the standard of two inches. The bold open faced flowers are of unusual substance and are not approached for size and beauty by Anything in Sweet Peas at present. The colors vary from blush pink, through all the beautiful shades of pink, salmon pink and rose, deepening at the edges and wavy undulations, making a most charming and harmonious blending of colors. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb 75.

Sweet Pea—Gladys Unwin—Clear, bright light pink, self colored, except for a slightly deeper tint at the edges. Flowers very large, bold open form with crinkled or wavy edges. The majority of the long flowers stems bear four blooms, color quite fixed. Belongs in the same Giant class as Countess Spencer. Oz. 75c; pkt. 10c.

Sweet Pea—Helen Pierce—A very pretty and distinct variety; flowers pure white, veined, mottled and marbled with bright blue. The coloring is very unique and can best be described as being colored and marked like a blue mottled Gloxinia. Pkt. 10c.

One packet each of the new Giant Orchid Flowered Countess Spencer, Gladys Unwin and the unique Helen Pierce along with one

packet of *Gypsophila Elegans*, a lovely, delicate white spray or fern; frond-flowered hardy annual which produces a charming effect when mixed in Sweet Pea bouquets, for 30c.

SALVIA

(Flowering Sage)

A favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed, which should be sown as early as possible.

Splendens (Scarlet Sage)—Beautiful bright scarlet. Pkt. 10c.

Scabiosa (Mourning Bride)—One of our best summer-flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomers. $2\frac{1}{2}$ feet.

Scabiosa, Snowball—Elegant double white flowers. Pkt. 5c.

Scabiosa, Black Purple.—Double. Pkt. 5c.

Scabiosa, Mixed—Pkt. 5c.

STOKESIA—STOKE'S ASTER

Cyanea—Showy deep lavender-blue, Aster-like flowers, frequently five inches across, produced in clustered heads from early June till late in the fall. Especially useful for cut flowers. Pkt. 10c.

SALPIGLOSSIS

Velvet Flower—Showy bedding or border plants, with richly-colored, erect, funnel-shaped flowers. Colors beautifully marbled and penciled purple, scarlet, crimson, yellow, blue and black.

Grandiflora—New, large-flowering, extra fine. Mixed colors. Pkt. 5c.

Sensitive Plant—Very neat foliage, and affords much amusement by its sensitive character. Even when slightly touched the leaves instantly close and droop. Pkt. 5c.

Smilax—There is no climber in cultivation which surpasses this in graceful beauty of its foliage and orange fragrance of its flowers. Unsurpassed for light wreaths and floral decorations. Easily raised from seed. Soak the seeds in water for 24 hours and plant in boxes or flower-pots, and keep moist and warm. Pkt. 10c.

Snapdragon—See *Antirrhinum*.

STOCKS—DWARF LARGE-FLOWER- ING DOUBLE TEN WEEKS

These popular flowers are so easily grown, and are so highly fragrant, and of such great beauty, that they deserve a place in every garden. They are great improvements over the Gilliflowers of the olden times, the flowers being much larger and more densely double and of a much greater variety of colors.

Blood Red Canary Yellow
Bright Rose Pure White
Each color per pkt. 10c.

Large Flowering Double Mixed—Pkt. 10c.

Sunflower (*Helianthus*)—Well-known plant remarkable for their stately growth and brilliancy of their flowers. Very effective when planted among shrubbery or as screens.

Sunflower *cucumerifolius*—Of dwarf, branching habit; grows 3 feet high and blooms profusely throughout the summer; flowers orange-yellow, with black center. Pkt. 10c.

Sunflower, Mammoth Russian—Enormous flowers. Pkt. 5c.

Sunflower, Chrysanthemum-Flowered—Orange-yellow, so densely double that no center is shown. Pkt. 5c.

Sweet William—Hardy plants, of extreme

richness and variety of color, and also deliciously sweet-scented; for clumps or borders no plant can surpass this old favorite, which is greatly improved now, both in size and color; the colors pass from white to pink, crimson, carmine and purple, with distinct eye encircled with color differing from the rest of the flower. Mixed double, pkt. 10c.

Verbena—Popular plants for summer bedding, producing freely their brilliant flowers, of almost every color. Sown early in heat, they commence to bloom in June and continue until frost. Plants from seed will grow and bloom better than those from cuttings.

Verbena, Mammoth Mixed—Saved from the choicest large-flowering varieties and contains all the newest and most striking colors. Pkt. 10c.

Wallflower—Exquisitely fragrant; long spikes of single double flowers; hardy perennials.

Single Large-Flowering—Mixed. Pkt. 5c.

Zinnias (Youth and Old Age)—One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form, moderate sized Dahlias.

Zinnias, Lill'put—Desirable dwarf varieties. Mixed colors. Pkt. 10c.





INTERIOR OF CONSERVATORY ADJOINING OUR OAKLAND STORE 517 14TH STREET

The largest greenhouse of its kind on the Pacific Coast, for the display of decorative house plants. Especially designed for the convenience of the plant-buying public. **Visitors always welcome!**

Plant Department

All orders unless instructions are received to the contrary, are executed and forwarded immediately upon receipt. Customers

placing orders for stock to be reserved and sent at planting time must distinctly specify this at time of ordering.

PLANTING

The proper time to plant deciduous trees in our climate is after all heavy frosts have subsided and sufficient rain fallen to wet the ground. With Evergreens and Semi-Tropical Plants it is best to plant from February to April, before they start a new growth. Palms do best if planted late in spring, from March to June.

The ground should be thoroughly ploughed or spaded deep, and holes dug from eight inches to one foot larger in every direction than required by the roots when spread out in their natural position. It is very important in heavy soil to make deep holes and then fill in again, thus insuring drainage. In shallow holes after a heavy rain the roots will stand in water and tree die. Evergreens lifted with balls should be planted with the burlap remaining on the roots. This should not be removed. Trees planted in light soil may stand from two to three inches deeper than they stood in the Nursery. This is especially true of Evergreens of large size.

In heavy and wet ground it is advisable to plant as the trees stood in the Nursery. With all large trees the soil should be filled in gradually and well tamped, so as to make it very firm. A rammer can be used when roots are well covered. When all is filled in put two inches of loose soil on top.

PRUNING AT TIME OF PLANTING

Ornamental trees should be pruned in proportion to amount of roots lost in transplanting. The natural shape should be preserved and the lower limbs shortened and not cut off, so that the new growth will shade the tree. They can be cut off in after

years, when the top is fully developed, so as to give the necessary shade.

Evergreens can be pruned by thinning out the foliage and shortening in the limbs.

All ornamental trees require only such pruning after being established as will prevent a straggling growth of the head, and bring the head up to the desired height. This should be done gradually from time to time, until the tree is strong enough to resist the wind.

STAKING AND SHADING

Many trees may be seen along sidewalks and roadsides crooked and bent. A stake of sufficient size set at time of planting, and the tree firmly tied to it until of sufficient size to resist the sway of the wind, will insure a straight growth.

Evergreens of large size should be staked so that the wind will not pull them loose during a long rain or storm. On dry ground, or where there are no facilities to water, trees should be shaded on the southwest with a board or a piece of burlap, wound loosely around the body of the tree up to its limbs.

AFTER-CULTURE

The success of the newly planted trees depends entirely upon the care and cultivation they receive the first three months after planting. All Evergreens should be kept watered until they make a new growth. The ground should be kept loose by cultivation for at least three feet around the tree. If the ground is not under cultivation the surrounding dry soil will absorb all the water given the tree. A mulch can be put around the tree to keep the soil from baking.

ROSES! ROSES!

General Collection of Hardy Field Grown



BARONESS ROTHSCHILD

This catalogue cancels all previous prices, either in special lists, offers or catalogues. This rule will be strictly observed.

The list offered below comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic that is necessary to make a good rose.

These roses that we offer are thrifty,

well-developed plants, and are shipped (by freight or express) in a dormant condition from December 1st to about April 1st.

Price 25c each (except where noted).

After April 1st, Roses in pots only 35c each; \$3.50 per doz.

NOTE—Customers selecting their own roses are respectfully requested to add to their orders a few supplementary sorts, lest by previous orders the stock of any particular variety should be exhausted; this being especially necessary late in the season.

American Beauty—Flowers large and full; very sweet; color glowing deep carmine. We don't recommend this rose for outdoor planting. 30c each.

Agrippina—Bright scarlet; the best rose for hedges. 25c each.

Augustine Guinoisseau (White La France—This beautiful variety with flowers of pure white, shading to a center of light rose, is a great favorite on account of its great freedom of bloom. 35c each.

Bardou Job—The color of this beautiful rose is rich velvety crimson, with yellow center, which makes a most beautiful contrast. 25c each.

Baroness Rothchild—A superb rose of rich satiny pink. 30c each.

Baron de Bonstetten—Splendid large flowers; very double and full; color a rich dark red, passing to a velvety maroon. Highly scented and very beautiful. 30c each.

Belle Siebricht—Silvery rose color, extra fine. 35c each.

Beaute Inconstant—Pink and white, much admired. 30c each.

Bon Silene—An old-time favorite that everybody knows. Strong grower, good bloomer, fine buds, color crimson-rose 30c each.

Bride—An ever-blooming pure white Tea Rose of large size and most perfect form. The buds are pointed. 35c each.

Captain Christy—The color is a flesh delicate pink, with deeper shading in the center of the flower, the whole flower possessing a bright, satiny appearance. A desirable variety. 35c each.

Catherine Mermet—This is a fine pink Rose, a good grower and bloomer, forces well, has been superseded in forcing by Bridesmaid, which is a much deeper pink; but for out-of-doors Catherine Mermet is still one of the very best pink Roses. 30c each.

Countess Riza du Parc—Coppery Rose, shaded with soft blush. 25c each.

Duchess of Albany—This Rose is simply a La France, only several shades deeper in color, being a lovely shade of deep

rose or pink. Often called the red La France. Superb in every respect. 35c each.

Dr. Grill—Coppery yellow, medium sized flowers. 35c each.

General Jacqueminot—Bright red, fragrant. Extra. This is too well known to need description. 25c each.

Grace Darling—Creamy white, bordered with rose peach. Elegant. 25c each.

La France—Delicate silver rose, shaded with cerise pink, often silvery pink, with peach shading; very large, very double; of superb form. 25c each.

Liberty—A grand bright red that is extremely popular as a cut flower Rose, grown in large quantities by florists the world over. Flowers nicely formed, deep and double. 30c each.

Madame Alfred Carriere—(H. P.)—Extra large, full flowers; very double and sweet, rich, creamy white tinged yellow. 25c each.

Madame C. Guinoisseau—(T.)—Beautiful shade of canary-yellow; long pointed buds; very free. 35c each.

Mme. Gabriel Luizet—Pale pink; a delicate and beautiful tint; large and full, cupped; very sweet. 25c each.

Mrs. John Laing—We cannot praise this rose too highly, for every one planting it is delighted with its beautiful pink flowers. 25c each.

Madame Welche—Color is a beautiful shade of soft amber-yellow, deepening towards the center to orange or coppery-yellow, delicately tinged and clouded with a pale, ruddy crimson. Both flowers and buds are remarkably sweet. 35c each.

Madame Lambard—A strong grower, making fine plants. Fine red color flushed with silvery-pink, a Rose that flourishes well over a wide area; always in great demand. 25c each.

Madame de Watteville—Stands in a class by itself as to color, a beautiful creamy-white tinged with rosy blush, each petal having a bright crimson shaded border. A moderate grower. 35c each.

Paul Neyron—Color pale, soft rose, shaded violet; flowers immense in size. 25c each.

Pearle des Jardins—Fine straw yellow, sometimes deep canary-yellow. The finest yellow rose we have. 35c each.

Perle d'Or—Charming and very distinct. Color a coppery-gold, changing to fawn and salmon, flat rayed form, very double and elegantly perfumed. 35c each.

Prince Camille de Rohan—Deep velvety crimson. A splendid dark sort. 25c each.

Souvenir de President Carnot—The flowers are large, full and double, exquisitely shaped, with heavy, thick, shell-like petals. The buds are wonderfully beautiful—long and pointed—perfection in every line. The color is a new, delicate fawn. 30c each.

Safrano—A strong grower and an old favorite, a bright apricot yellow, changing to orange-fawn. Very much esteemed. 25c each.



PERLE DES JARDINS

Rainbow Improved—A lovely pink tea rose, blotched and streaked dark crimson. The buds are long and pointed, having the same erect habit of growth as Papa Gontier. 35c each.

Souvenir of Wootton—Color velvety-red, equal to Jacqueminot. It is a double Rose, and is good in bud, half open, or fully expanded. Full, open flowers, frequently six inches in diameter. A most excellent Rose. 25c each.

Sunset—The color is a remarkable shade of rich, golden-amber, elegantly tinged and shaded with dark ruddy copper, intensely beautiful and resembling in color a splendid "after-glow." 35c each.

W. F. Bennett—A fine rose; it produces extra fine buds of the most brilliant crimson. 25c each.

STANDARD OR TREE ROSES

We can supply these Roses in Tree form; that is, they are budded on single stems 3 to 4 feet from the ground.

We have a large assortment in these roses with nice large heads, that will bloom abundantly the first year.

Price\$1.50 each.

The Twelve "Best" Ever-Blooming Roses

This selection will produce a mass of Roses to cut from the entire season.

The twelve varieties listed below have been offered under this heading with a view of supplying the amateur, who is not familiar with the various varieties, and to whom a selection from the long list must necessarily prove confusing, as a collection which combines as varied a range of color as can be brought together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

The plants offered are exceptionally heavy two-year-old stock, which will under ordinary conditions give a full crop of flowers this season.

SPECIAL—The 12 best everblooming Rose for \$3.00.

Duchess de Brabant—One of the most deliciously scented and beautiful old varieties in cultivation, being of free growth, always in bloom, and of a most desirable color; a beautiful silvery pink. 25c each.

Gloire Lyonnaise—A pale shade of salmon yellow, with deep center, changing to creamy white. Most desirable. 25c each.

Gloire de Margottin—The most beautiful of all red climbing roses. Specially adapted for planting against fences and houses. Can also be grown on a trellis. Color a most brilliant shade of red; buds large, long and pointed. 25c each.

Gruss an Teplitz—As a bedding Rose this is one of the finest and most useful varieties ever sent out. It will take rank with *Hermosa* or *Soupert*. The color is brightest scarlet, shading to deep, rich, velvety crimson. 30c each.

Kaiserine Augusta Victoria—One of the most desirable white Roses for summer

bedding; large flowers, produced in great profusion; a strong, healthy grower with large foliage. 25c each.

Maman Cochet—An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery rose; borne on long stiff stems; very double and exquisite when in bud. 30c each.

Marie Van Houtte—One of the best light yellow bedding varieties, with beautifully formed buds. 30c each.

Md. Caroline Testout—This is a wonderful Rose, is absolutely in a class by itself, Planted in the nursery rows with all the good Roses you can pick it out across a ten-acre field on account of its immense size and brilliant color. Probably no Rose stands higher in public estimation today than *La France*, and when we say this elegant new Rose is a far better Rose than *La France*, we have said about all that can be said. 30c each.

Cecil Bruner—A charming, fairy-like variety, of sweet, delicate fragrance. Color salmon-pink. The well known pink baby rose. 25c each.

Papa Gontier—We sell immense quantities of this fine Rose. It has a fine bud, open flower, semi-double. Color dark carmine flushed crimson. 30c each.

Viscountess Folkestone—(H. T.)—The flower is delicately tinted flesh, almost white, and lustrous as satin; when full-blown it is like a fine white *Peony*. 30c each.

Ulrich Brunner—A rival to the famous *American Beauty*; bright cherry, red flowers, very large, on long, almost thornless stems; should be in every collection. 30c each.



PAPA GONTIER

CLIMBING ROSES

CLIMBING ROSES.

Our Stock of Climbing Roses are very fine this year. Strong and healthy, they will bloom abundantly the first year. These roses are growing in more demand every year, for growing up along the house or on arbor Trellises, etc. Climbing Roses, when in bloom commands the admiration of everyone by their gorgeous display of flowers, some varieties entirely covering the plant with their fragrant bloom.

Cherokee—This is the famous Cherokee Rose of the South. Hardy everywhere. Creamy white. Single. 35c each.

Double Cherokee—A beautiful hardy Rose, bearing double white flowers. Very fine. 25c each.

Celine Forrestier—A very pretty yellow Rose. Fragrant. 25c each.

Crimson Rambler—Of remarkably vigorous growth, making shoots from 8 to 10 feet high in one season; flowers of brightest crimson, and produced in great pyramidal panicles, each having 30 to 40 blooms. 25c each.

Climbing Md. C. Testout—A most wonderful Rose, an exact counterpart of that grand Rose Mad. Caroline Testout, except that it is a vigorous climber, bright clear pink in color. 35c each.

Climbing Cecil Brunner—Flowers perfectly double and delightfully fragrant; color a rosy-pink on a rich, creamy-white ground. 35c each.

Climbing Bridesmaid—Same as its parent in every respect, except in growth, sometimes reverts back to the bush form of Bridesmaid. 35c each.

Climbing Devoniensis—It is fully as productive as the bush sort, and, being more vigorous, is justly a grand Rose. White, tinged with blush. Very sweet. 25c each.

Climbing Peile de Jardins—Habit of growth is vigorous, young plants often sending up shoots 6 to 8 feet high in one season, with rich glossy foliage, and bright, red stems. The flowers are produced in profusion, and are deep canary-yellow. 35c each.

Climbing Kaiserin—Mrs. Robert Peary—This is, without doubt, the grandest of all white climbing Roses. It is the first and only pure white, hardy, ever-blooming climbing Rose, and as such meets a demand that has never before been supplied. 35c each.

Dorothy Perkins—Another climbing Rose, which in general habit closely resembles the Crimson Rambler, but of a beautiful shell-pink, full and double, and of an unusually large size for a cluster Rose. The trusses are made up of from 30 to 40 flowers, and frequently 50 to 60 flowers on the stronger branches. 35c each.

Fortune's Double Yellow—Beauty of Glazenwood. Hardy—Bronzed yellow or copper and fawn color. 30c each.

Gloire de Dijon—A combination of rose, salmon and yellow; flowers very large and full. 35c each.

La Marque—Pure white buds, open flower tinged light canary-yellow; large and full. 25c each.

Marechal Niel—A beautiful, deep sulphur-yellow, very full, very large and exceedingly fragrant. It is the finest yellow Rose in existence. It has a climbing habit, and where it is permitted to grow until it has attained a large size, as it will in a few years, it yields thousands of beautiful golden-yellow flowers. Especially desirable in the South. 35c each.

Reine Olga de Wurtemberg—This is a grand climbing Rose bearing bright red flowers. It is both a good grower and bloomer. 35c each.

Reine Marie Henrietta—A rampant climber. Fine in bud, free bloomer, in color a bright red, a shade lighter than General "Jack," a first-class Rose in every respect. 25c each.

Reve d'Or—(Climbing Safrano—N.)—Deep yellow, sometimes coppery yellow or rosy buff; large, full, and sweet. The best yellow climber in this vicinity. 35c each.

William Allen Richardson—(Noisette.)—A fine Rose in every way. Deep orange-yellow center, outer petals lighter yellow. 35c each.

White Banksia—Vigorous grower. Small, double, pure white flowers in clusters. Has the fragrance of the violet. 25c each.

Yellow Banksia—Same as White Banksia, except color of blooms are sulphur-yellow. 25c each.

Yellow Rambler—This variety will be found a grand companion to "Crimson Rambler." The flowers are borne in large clusters, very profusely; color canary-yellow. 25c each.

CHOICE FLOWERING SHRUBS

The collection of Shrubs offered on the following page is a carefully selected list of the most desirable varieties. All are strong, heavy, vigorous plants, which will give quick results.

NOTE.—Shrubs can only be sent by Freight or Express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, package or delivery to express, freight or steamship lines in Oakland.

Almond, Flowering, Double Pink and Double White—2½ to 3 feet. 50c each.

Aucuba Japonica (Gold Dust Tree)—Handsome, hardy evergreen shrubs, with large bright green leaves, beautifully spotted yellow. When planted out of doors they should be set in a half-shady location. 5-inch pots. 50c each.

Berberis Darwinii—This is the finest of all berberis. Foliage thick and leathery; flowers orange-yellow, and deliciously fragrant. 50c, 75c, \$1.00 each.

Bouvardia Jasminoides—In this plant are combined rare qualities; the flowers come in clusters, pure waxy white. The fragrance emitting therefrom is of a sweet subtle odor. It blooms for a long period during summer and autumn, and is invaluable for cutting. The plant grows from 3 to 4 feet high, and should be in every collection. 25c each; large plants, \$1.00 each.

Broom, Andreana—Flowers yellow, tinted chocolate; very choice. Pot grown. 35c each.

Broom, Scotch, yellow (Genista)—A very handsome shrub, with drooping branches covered in the spring with bright yellow pea-shaped flowers. Very effective for grouping. 4 feet, 50c each.

Broom, Spanish—An upright growing shrub. Flowers yellow, produced very freely in the spring and summer, on long, pendulous, round, leafless branches. Pot grown, 3 to 4 feet. 50c each.

Camellias—Are acknowledged to be the finest winter flowering shrubs in cultivation. They will grow freely in any fair garden soil and require but little atten-

tion, after the first year after planting. Double red, double white, double pink. 1½ feet, 75c each; 2 feet, \$1.00 each.

Cherry, Japanese Double Flowering—A very ornamental shrub (or small tree), producing immense masses of large double pink and double white flowers. 3 to 4 feet. 75c each.

Crab Apple, Flowering—When in full bloom, these are unequaled for beauty; the tree is one mass of flowers, completely covering the branches.

Crab Apple, Betchell's—Double shell-pink; sweet scented 3 to 5 feet. 75c each.

Crape Myrtle—A very beautiful class of shrubs; profuse and continuous bloomers during the entire summer. The flowers are very pretty, having curiously crimped petals. Crimson, 2 to 4 feet, 75c each; Pink, 2 to 4 feet, 75c each.

Deutzia gracilis—This variety is dwarf-growing, and produces its pure white flowers in prodigal luxuriance. 1½ feet, 35c each.

Daphne, Pink Flowering—75c each.

Daphne, White Flowering—A low-growing shrub, with dark, bright green foliage and very fragrant white flowers. 75c each.

Diosma alba (Breath of Heaven)—A handsome little shrub, with heath-like foliage and small, white, star-shaped flowers. 50c each.

Escalonia rubra—Rather a pretty shrub, producing immense quantities of small red flowers. Does well in windy and exposed locations. Small plants, 50c each.

Heath, White—A handsome compact growing shrub, with light feathery foliage. 50c each.

Heath (Mediterranean)—This variety is most desirable; it produces its small wax-like pink flowers in wonderful profusion. 50c each.

Hydrangea hortensis—This plant is a most satisfactory one, blooming as it does for such a long period; they succeed admirably when planted in a shady place. 25c to \$1.00 each.

Lemon Verbena—The fragrance from the foliage of this old favorite is delightfully refreshing. 2½ feet, 25c each.

Lilac Purple, White—2 to 3 feet. 50c each.

Mock Orange (Coronarius)—Flowers pure white, delightful orange-blossom fragrance. 2 to 3 feet. 75c each.

Peach, Flowering Japanese, Double White, Double Crimson and Double Pink—4 to 5 feet. 75c each.

Polygala Dalmatiana—A profuse flowering shrub, with purple pea-blossom-shaped flowers, and pretty light green foliage. Pot grown, 1½ feet. 25c each.

Quince, Scarlet Flowering—These are among the first flowers to herald spring. They are scarlet, and produced along the

branches before the appearance of the leaves, and are greatly admired. 50c each.

Spiraea Van Houtte—The grandest of all the Spiraeas; it is a beautiful ornament for the lawn at any season; but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Perfectly hardy and an early bloomer. 50c each.

Snowball—Produces large, globular, pure white flowers in great luxuriance. 75c each.

Veronica imperialis—The finest of the species. Flowers amaranth. 35c each.

Weigilea rosea—Elegant shrub, from Japan. They produce superb, large, trumpet-shaped flowers of a fine rose color. 50c each.



CLEMATIS MONTANA

DECIDUOUS ORNAMENTAL TREES

These shade trees listed here below are all very large. They are in splendid shape for planting on avenues, streets or roadside, for immediate effect.

Ash, White—A rapid-growing native tree, of fine symmetrical outline; a valuable street or park tree; should be extensively planted for timber. 6 to 8 feet. \$1.00 each.

Ash, European—Large, spreading tree, of rapid growth; darker foliage than the American. 6 to 8 feet. \$1.00 each.

Beech, Purple-Leaved—Makes an elegant, medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet. \$2.00 each.

Birch, European White—Remarkable for its elegance; very graceful, with silvery bark and slender branches. 6 to 8 feet. \$1.00 each.

Birch, Cut-Leaved Weeping—One of the most elegant of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful, drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. 6 to 8 feet. \$1.50 each.

Catalpa speciosa—Leaves large, heart-shaped; of rapid growth; flowers come in long, grape-like clusters of white and purple; very fragrant. 4 to 6 feet. 75c each.

Elm, American Black—A magnificent large tree, with drooping, spreading branches; requires moist soil. One of the grandest of our native forest trees. 6 to 8 feet. \$1.00 each.

Elm, Corkbark—A valuable shade tree, and very desirable for streets and avenues. Young branches very corky; leaves rough on both sides. 4 to 6 feet. 75c each.

Linden, American—A rapid-growing, large sized tree, with very large leaves and fragrant flowers. 6 to 8 feet. \$1.00 each.

Locust, Bessoniana (Thornless)—The most ornamental of all the Locust family;

forms a solid, compact head, with dark green, luxuriant foliage. 8 to 10 feet. \$1.00 each.

Locust, Decnaiseana (Pink Flowering)—Remarkable for its vigorous growth and its fine rose-colored flowers. 6 to 8 feet. \$1.00 each.

Maple, Sugar—5 to 7 feet. \$1.00 each.

Maple, Silver or Soft—A rapid growing tree of large size, irregular rounded form. Foliage bright green above, silvery beneath. 6 to 8 feet. \$1.00 each.

Mountain Ash (European)—A fine, hardy tree; head dense and regular, covered from July till winter with great clusters of bright red berries. 6 to 7 feet. \$1.00 each.

Mulberry, Downing's Everbearing—A very rapid grower. A valuable shade tree. Produces a good fruit. 5 to 6 feet. 50c each.

Paulownia Imperialis—A rapid-growing tropical-looking tree from Japan, with enormous round leaves. Produces large clusters of purple trumpet-shaped flowers in the spring. \$1.00 each.

Plum, Purpled-Leaved (Pissardi)—The young branches are a very dark purple, the leaves when young are a lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop late in autumn. No other purple leaved tree or shrub retains its color like this. It also bears a fairly good fruit. 6 to 8 feet. \$1.00 each.

Poplar, Carolina—A vigorous-growing variety, with large bright green leaves. 6 to 8 feet. 75c each.

Poplar, Lombardy—A very rapid, erect-growing tree, with tall, spiry form. Very desirable in landscape gardening. 6 to 8 feet. 75c each.

Thorn, Double White—Has small double white flowers. A highly ornamental variety, on account of both foliage and flowers. \$1.00 each.

Thorn, Double Pink—Similar to the above in all respects but color, which is pink or rose. \$1.00 each.

Thorn, Paul's Double Scarlet—\$1.00 each.

Willow, Common (Babylonica)—The well-known weeping willow. 75c each.

EVERGREEN TREES AND SHRUBS

Nearly all the plants mentioned under this heading have been once or more transplanted, thereby greatly adding to the certainty of their growing. In order, also, to reduce the amount of soil and consequent freight charges, we have grown those varieties most in demand in pots. In shipping to distant points that is especially advantageous.

This list includes such evergreen trees and shrubs that are hardy and suitable for this State.

Acacia Melanoxylon (Black Wood Tree)—A strong, upright growing tree. Very desirable for parks and street ornamentation. 25c and 50c each.

Acacia Molissima—A fine, erect-growing tree, with glaucous, green feathery foliage. Flowers yellow; produced in early spring in great profusion. A rapid-growing tree. 60c each.

Araucaria Bidwellii—A magnificent tree. Branches in regular whorls. Closely set with spiny, shining, deep-green leaves. Very handsome for the lawn, and by far the finest and most attractive of all evergreen trees. Thrives well here. 4-inch pots 75c each; 5-inch pots, 2 feet, \$2.50 each; 7-inch pots, 3 feet, \$4.00; balled, 1½ to 2 feet, \$2.00 each; balled, 3 feet, \$4.00 each.

Araucaria Excelsa (Norfolk Island Pine)—One of the handsomest of all trees. Pyramidal in form and very symmetrical. Hardy in protected locations. Excellent for parlor decoration. \$1.50 each according to size.

Araucaria Imbricata (Chile Pine, or Monkey Tree)—A fine tree, of regular pyramidal form. Leaves bright green, broad, thick, pointed, and overlapping each other. Balled 1½ feet, \$1.50 each; balled, 2½ feet, \$2.50 each; balled, 3 feet, \$3.50 each; balled, 4 feet, \$5.00 each.

Arbor Vitae (Tree of Life)—Chinese. A small tree with erect branches and dense flat green foliage. Pot grown, 1½ feet, 35c each; \$3.00 per 10.

Arbor Vitae (Golden)—Balled, 2½ feet, \$1.00 each.

Bamboo falcata—A very ornamental species attaining a height of 20 feet. The young shoots are of flesh green color, while the older ones form a beautiful mass of light-yellowish foliage. As single specimens they are extremely ornamental, or they can be used as wind-breaks. Strong clumps, \$1.00 each.

Box Tree, dwarf (Suffruticosa)—A fine small bush, with glossy, roundish leaves. The variety so extensively used for edging. Small plants for edging, 50c per dozen; \$5.00 per 100.

Camphor Tree (Laurus Camphora)—A fast-growing, very symmetrical, ornamental tree, thriving in the very poorest soil. A native of Japan. Bright green foliage; well adapted for a lawn. 4-inch pots, 25c each; \$2.00 per 10. 6-inch pots, 3 to 4 feet, \$1.00 each.

Cypress, Lawson—Beautiful glaucous green foliage, of pendulous habit. Very desirable. Balled, 3 feet, \$1.00 each.

Cypress, Monterey—A native of California, and one of the most desirable of evergreens; stands pruning well; very extensively planted for hedges. 2 years. Transplanted in boxes. 100, \$3.00; per 1000, \$25.00; 1½ feet, 15c each; \$1.25 per 10; 2 to 2½ feet, 25c each; \$2.00 per 10.

Eucalyptus globulous (Tasmanian Blue Gum)—One of the most useful of all and a very rapid grower. Pot grown. 2 to 3 feet, 15c each; \$1.25 per 10. Transplanted in boxes, \$2.50 per 100; \$20 per 1000.

Eucalyptus leucoxydon (Crimson-flowered Eucalyptus)—This is a very ornamental species of Eucalyptus, having large and very beautiful flowers; blooms when quite young; very desirable. Pot grown, 3 to 4 feet

Euonymus, Silver Variegated—A very pretty ornamental shrub; the foliage is golden yellow. Pot grown. 2 feet, 35c each; balled, 1½ feet, 35c each.

Grevillea robusta (Australian Silk Oak)—A splendid fern-leaved evergreen tree,

which makes a magnificent pot plant for all sorts of decorative purposes; flowers golden yellow. Planted out in this State it soon forms a magnificent lawn or shade tree. 5-inch pots, 3 feet, 50c each; \$3.50 per 10; 6-inch pots, 4 feet, 75c each.

Holly, European (*Ilex*)—A small tree, with shining dark green thorny leaves, somewhat resembling the oak in form. In winter the tree is covered with bright red berries. Balled, 1 foot, 50c each; 2 to 3 feet, \$2.00 each.

Laurel, English—A fine large evergreen, with broad shining green leaves. Pot grown. 1 foot, 25c each.

Laurustinus—A well-known winter flowering shrub, of great beauty, producing an abundance of white flowers; well adapted for hedges. Pot grown, 1½ feet, 20c each; \$1.50 per 10. Balled 2½ feet, 50c each.

Myrtle, Common—A dwarf shrub, with shining green leaves and fragrant white flowers. Pot grown. 2 feet, 40c each.

Magnolia grandiflora—The most noble of American evergreen trees; foliage is thick, brilliant green in the upper surface and rusty underneath; the flowers are pure white, of immense size and very fragrant. Balled, 4 feet, \$1.50 each.

Oleander—4-inch pots, 2 feet, 50c each.

Album Plenum—Double white, sweet-scented; very good.

Mrs. F. Roeding—Beautiful double pink flowers; petals fringed; delightfully fragrant.

Pepper Tree—A most popular shade and ornamental tree, with fine feathery foliage; producing clusters of reddish berries in autumn. Pot grown. 25c and 50c each.

Pine, Monterey (*Insignis*)—The most desirable pine for shade, and more extensively planted than any other variety in this State. Transplanted in boxes, \$5.00 per 100. Pot grown, 15 to 18 inches, 25c to 50c each.

Pittosporum eugenoides—A large upright-growing shrub, with glossy, yellowish-green leaves; a very effective shrub and excellent for hedges. Pot grown, 1½ feet, 25c each; \$2.00 per 10. Balled, 2 feet, 50c each. Transplanted in boxes, \$7.00 per 100.

Yew, Irish—Deep blackish-green foliage; of erect growth; much used in cemetery work. Balled, 3 feet, \$1.50 each.

Thujaopsis dolabrata—Leaves shining green above, silvery white beneath; of pendulous and dwarfish habit; branchlets coral-like in appearance; very handsome. Pot grown, 2 to 3 feet, \$1.50 each.



HONEYSUCKLE

... HARDY ORNAMENTAL CLIMBING VINES ...

While the list of Vines offered here below is short, yet it is very select, only the very finest sorts adapted to our climate. Our vines are mostly all "Pot grown." They are especially recommended for planting in the late spring and summer. The best results are obtained from using potted plants. The climbing roses will be found under the heading of "Roses."

Ampelopsis quinquefolia (Virginia Creeper)—Leaves palmate, handsome and luxuriant, assuming in autumn a gorgeous bronzy hue. Small plants, 25c each; strong, 50c each.

Ampelopsis Veitchii (Boston or Japan Ivy)—a great improvement on the old Virginia creeper. This variety clings closely without any assistance to a stone wall or brick flue or a wooden surface. It is widely planted in California, where it succeeds admirably and is much admired. Strong plants, 50c each; \$4.00 per 10; smaller, 25c each, \$2.00 per 10.

Australian Pea Vine—Pink flowers; fast growing. 25c each.

Bignonia grandiflora, Grafted (Trumpet Vine)—Rapid-growing climber, bearing large orange-yellow trumpet-shaped flowers in great profusion. Strong plants, 50c each.

Bignonia radicans—Scarlet trumpet flowers; exceedingly showy. 25c and 35c each.

Bougainvillea—They have peculiarly shaped flowers, somewhat resembling the leaves in shape, the color being of a rosy lake, and produced at the end of the branches in wonderful profusion. They are indispensable for the greenhouse and do remarkably well in many protected situations out of doors. Strong plants, 60c each; large plants \$1.50 each.

Clematis Paniculata, New Sweet Scented Japan Clematis—One of the finest additions to our list of hardy climbers. Of very rapid growth, quickly covering trellises and arbors with handsome clean glossy green foliage. Flowers of medium size, pure white, borne in immense sheets

of a most delicious and penetrating fragrance. The flowers appear in late summer, at a season when few other vines are in bloom. 50c each.

Clematis Montana—In this variety we have the ideal climatis for this State. The flowers are produced in spring in wonderful profusion. They are about the size of a dollar and are pure white. The vine is a rapid, rampant grower. Strong plants, 60c each.

Clematis Flammula (Fragrant Virgin's Bower)—An old favorite, with clusters of white flowers in June and July. 40c each.

Clianthus ("Scarlet Parrot's Bill")—Fast growing; very bright. 25c each.

Honeysuckle, Belgian or English—Red and yellow flowers; long bloomer; very fragrant. 25c and 35c each.

Honeysuckle, Gold Netted—A beautiful variety; the leaves are veined golden yellow. 25c and 50c each.

Honeysuckle, Yellow Trumpet—A well-known variety; yellow trumpet-shaped flowers; continuous bloomer; very sweet. 25c and 35c each.

Hops (*Humulus Lupulus*)—One of the very best climbers for covering unsightly places. It is a rapid grower, and bears a profusion of seed-pods suitable for many domestic purposes. 50c per dozen (60c postpaid).

IVIES

Hardy English—Invaluable on account of its remaining evergreen all the year. This is the variety used for covering walls, etc. and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, 25c each; \$2.50 per dozen; \$15.00 per 100.

Madieriensis Variegata—Undoubtedly the finest of all variegated Ivies. The foliage is of large size, similar to the common English Ivy, but beautifully edged and mottled with creamy white. Good young plants, 50c each; \$5.00 per dozen.

Ipomea Leari (Blue Dawn Flower)—From Ceylon. A handsomé, 'quick' growing perennial climber. Often flowers in bunches of half a dozen. The individual blooms are trumpet-shaped about 4 inches across, of a rich, velvet blue, with five reddish purple rays. 25c each.

Jasmine grandiflorum (Catalonian Jasmine)—Plant is of shrubby, half-climbing habit with very delicate foliage, and its small, white, star-shaped, fragrant flowers are produced in the greatest profusion all the year around. 50c each.

Jasmine revolutum (Yellow-Flowering Jasmine)—Produces fragrant yellow flowers. 25c and 50c each.

Jasmine officinalis—Flowers pure white, sweetly scented, produced in early spring. 35c each.

Muehlenbeckia—This pretty, strong-growing climber and trailer is very desirable for covering old stumps of trees, rock-work, etc. The foliage is small, dense and graceful. 25c and 35c each.

Mandevilla suaveolens—(Chili Jasmine)—Very fragrant star-shaped flowers; strong climber. 35c each.

Passion Vine (Passiflora)—These well-known hardy climbers are familiar to and appreciated by all. They are of rapid

growth, and very attractive when covered with very large, handsome flowers.

Passion Vine, Pink—25c each.

Passion Vine, Scarlet—Strong plants, 35c each.

Plumbago Capensis—Can be trained as a bush or climber. Flowers light sky-blue, verbena-shaped, produced throughout the entire summer; stands drought and water and the brightest sunshine. 35c each.

Smilax—20c each; 3 for 50c.

Solanum jasminoides grandiflora—A most beautiful climber. Its flowers are star-shaped, and borne in good sized panicles or clusters. 25 each.

Tecoma Capensis—An evergreen climber with bright glossy foliage; flowers white with beautiful blotch of lavender; flowers large, bell-shaped, appearing in clusters. Hardy only in sheltered situations. 4-inch pots, 35c each.

Wax Plant (Hoya Carnosa)—Splendid for pot culture. 50c each.

Wistaria Sinensis—This is one of our most admired climbers, blooming in early spring. The flowers appear in long, grape-like clusters, of a beautiful lavender color. 75c and \$1.00 each.

Wistaria Sinensis alba—A fine variety, with pure white flowers. 75c and \$1.00 each.

...CARNATIONS...

To meet the demand for the best twelve Carnations we have selected the varieties as the best for all purposes, as garden favorites or for growing in greenhouses for winter blooming.

Small plants postpaid, ready March 15th 15c each; \$1.50 per dozen.

Enchantress—One of the grandest of recently introduced Carnations, a leader in its color, an exquisitely delicate shade of shell-pink deepening toward the center.

Estelle—A grand brilliant scarlet; very free.

Ethel Crocker—A fine, soft shade of popular pink.

Eldorado—Canary yellow, tipped rosy carmine.

Flora Hill—The grandest white variety to date, and destined to be found in every collection.

Iris Miller—In color a light salmon, shaded with yellow, lightly flaked with rose, very large flowers of great substance.

John Carbone—It is in every respect a grand variety; in color a very brilliant rich shade of gold, flaked in light carmine.

Mrs. Thos. W. Lawson—Takes a place among Carnations just as "American Beauty" does among Roses—way at the top. Stems stiff and strong; flowers extra large, deep rose-pink; entirely distinct.

Harlowarden—The largest and best of its color, a bright dazzling crimson.

Prosperity—The largest Carnation in cultivation; color white suffused with pink.

Governor Roosevelt—This grand variety has a stiff stem, the stem reaching two and one-half to three feet, and holding the flowers very erect. It is a deep, brilliant scarlet, heavily shaded with maroon.

Queen Louise—An early and continuous pure white.

... CHRYSANTHEMUMS ...

Our Exhibition Set of Six

Major Bonnaffon—Yellow.
Maud Dean—Pink.
The Queen—The best pure white.
Malcom Lamond—Velvety crimson.

Col. D. Appleton—Yellow.
Yellow Queen—Lemon yellow.
Ready March 15th... 10c each; set of six 50 cents.

ABUTILONS

Price 25c each.

(If desired by mail, please add enough to cover postage, about 5 cents a plant).

Boule de Nieve—The best pure white, up to date. Extremely free.

Golden Fleece, or Golden Bells—A bright golden-yellow abutilon, of strong, vigorous habit, and very free flowering.

Scarlet Gem—A rich bright scarlet.

Thompsonii Plena—Has perfectly double flowers, that resemble in form a double hollyhock. Color a rich deep orange, shaded and streaked with crimson; the foliage is beautifully variegated.

HELIOTROPE

Small plants, by mail, postpaid, 10c each, \$1.00 per dozen... Strong plants, 20c each, \$2.00 per dozen... (If desired by mail, add 5 cents per plant for mailing).

Piccola—Rosy violet.

Queen—Very dark.

Sapphire—Purple, white center.

Snow Wreath—White.

FUCHSIAS

15c each, \$1.50 per dozen, for small plants. Larger plants, 25c each, \$2.50 per dozen. (If desired by mail, add 5 cents per plant for mailing.)

Phenomenal—The largest double Fuchsia, of dark color; tube and sepals scarlet carmine, corolla measuring 2½ inches in diameter, of a rich dark-blue color.

Storm King—A perfect gem. Dwarf habit; sepals dark carmine, corolla white, shaded rose. A magnificent large, double variety.

Sunray—A handsome, variegated foliage Fuchsia, extremely ornamental; flowers camine.

GERANIUMS

Price for plants in 2½ inch pots, postpaid, 15c each, \$1.50 a dozen; available to April 1st. After that date, for 3 and 4 inch pots, 20c each, \$2.00 per dozen. (If desired by mail, add 5 cents per plant for mailing.)
12 Best Single and Double Sorts—White, Pink, Rose, Red and Dark Crimson.

IVY LEAVED DOUBLE FLOWERING GERANIUMS

Should be planted even more extensively than at present, for there is nothing more desirable, for baskets, vases, or for any purpose where a trailing or climbing plant may be used. Its bright, shiny foliage is always beautiful, and is greatly enhanced by a profusion of bright colored blooms.

Eden Marchi—Enormous sized flowers, resembling some of the finest double Zonale Geraniums in size and shape; color beautiful salmon rose, slightly shaded violet.

Souv. de Chas. Turner—Florets 2½ inches, in trusses six inches across. The color is a deep, bright purple approaching scarlet; the upper petals feathered maroon.

Jeanne d'Arc—Flowers very large and of the purest white; fine habit; free flowering.

FANCY LEAVED GERANIUMS

(Bronze and Variegated.)

Mad. Salleroi—A very compact variety of Silver Geranium; very fine for massing or bordering.

Marshall McMahon—Excellent bronze foliage; holds its color well in sun and storm. Clear scarlet flowers.

Mountain of Snow—Foliage green, handsomely bordered with white; flowers scarlet. A fine bedder.

PELARGONIUMS

(Lady Washington Geraniums)—Regal, Fringed and Decorative Varieties.

This magnificent group includes those varieties whose habit is more robust, and the flowers much larger than those of the Show Pelargoniums. 20c each; \$2.00 per dozen... Later on (say May 1st), we will be able to supply larger plants, in 4 inch pots, at 35c each; \$3.50 per dozen.

Anita—A most charming flower of extraordinary size, combining with it great freedom of bloom; of a lovely shade of brightest pink; upper petals grandly feathered with dark, velvety crimson, with an almost white center.

Dorothy—Soft shade carmine-rose; white center, surrounded with lilac shade; all the petals margined white; upper petals blotched maroon.

Duke of Albany—Deep, rich crimson maroon, margined with rosy lake; light center, surrounded with violet, rose shading. A grand, dark variety, having a very full appearance.

Duchess of Teck—Very large trusses of extra large, semi-double white flowers; petals undulated and frilled.

Glory of Paris—Rosy magenta; very free in bloom.

Blue Mabel—Identical with the well known Mabel, except color, which is of a rich pink shade.

Mabel—Upper petals brilliant dark maroon, under petals soft rosy pink; large white center.

Mrs. O. W. Childs—Very large trusses, of extra large fluted flowers, of an exquisite shade of rose pink.

Madame Thiebaud—Blotched and marbled rose and white ground; upper petals marked with crimson maroon; large white center, and edges of petals also white.

J. B. Boland—A novel shade of rose, distinctly suffused with salmon, upper petals blotched almost black, surrounded by fiery crimson, lower petals also feathered lighter with same tints. Fluted flowers of extraordinary size, of fine substance produced on large trusses.

E. G. Hill—A remarkably bold flower, of grand substance, extraordinary size; brilliant dark maroon, shaded scarlet, lower petals lighter in shade, with large white center, upper petal grandly feathered deep crimson, lower petals lighter; flowers of perfect rounded form.



...Miscellaneous Flowering and Bedding Plants...

Bedding and Border Plants should not be set out much before April 1st, when all danger from frost is over.

Agapanthus umbellatus—(Blue African Lily)—Extra strong, established plants. 35c each.

Alternanthera—Much used for bedding purposes; of low growth; stands clipping well. Yellow and Red Varieties, 50c per dozen; \$3.00 per 100.

Daisies—Double, all colors. 35c per dozen; \$2.00 per 100.

Golden Feather—Dozen, 35c; \$2.00 per 100 Ready April.

Lobelia—Dwarf blue. Dozen 35c; \$3.00 per 100. Ready April.

Marguerite, White—Very few have any idea what a grand showing the White Marguerite makes when planted in

masses. The yellow variety does equally as well. 15c each; \$1.00 per dozen; \$6.00 per 100.

Marguerite, Yellow—15c each; \$1.00 per dozen; \$6.00 per 100.

Petunias, fringed double—We have on hand a grand collection of Double Petunias, some of them of the most beautiful shades of crimson. Ready April. 25c each; \$2.50 per dozen.

GAILLARDIA GRANDIFLORA (Blanket Flower.)

Flowers large, brightly colored and of perfect form. Blooms from June till October or November. Center of flower deep maroon, with petals of orange, crimson and red, shaded into rings of color. Grows two feet high; one of the best for cutting. 25c dozen. Ready April.

PANSIES

We make a speciality of Pansy culture, producing fine plants in large quantities from our own superb strains of seeds, in all colors. For varieties see page of this catalogue. Price per 100, \$3.50; per dozen, 50c. Small plants 25c per doz; \$1.50 per 100.

SHASTA DAISY

The new "Shasta Daisy" is a perfectly hardy perennial of the easiest cultivation, possessing so many valuable features as to entitle it to a place in every garden. The flowers are extremely large and graceful, averaging about 6 inches in circumference, with three or more rows of petals of the purest glistening whiteness on single strong, stiff, wiry stems, nearly 2 feet long. The blooms, when cut, remain perfectly fresh for two weeks or more. Strong clumps 25c each.

DECORATIVE PARLOR PLANTS

Aspidistra Lurida Variegata

This is the most desirable plant grown for indoor decoration. It will grow and do well under conditions that would be sure death to many other plants. It flourishes in sunshine or shade, does not mind dust or dry air, and can stand a good deal of cold. Fine plants, \$1.50, \$2.00 and \$2.50 each.

Asparagus—See under head of Ferns,

Begonia—See Flowering Begonias,

Coleus—15c and 25c each. Ready in April.

Ficus elastica—(India Rubber Plant)—Very large, smooth, leathery leaves, evergreen foliage; generally esteemed one of the finest house plants grown, the plant attaining a large size and tree-shape. 5 inch pots, 18 inches, \$1.25 each; larger, \$2.00 and \$4.00 each.

Hanging Baskets—Filled with Asparagus Sprengerii Boston Ferns, Pierson Ferns, \$1.50 each and up.

New Umbrella Plant—It is entirely distinct from the old sort. It is of rapid growth, throwing up numerous shoots in an incredibly short time. 25c and 35c each.

Umbrella Plant—(Cyperus Alternifolius)—This well known plant, always popular, seems now to be in greater demand than

Salvia splendens—Scarlet flowers; continuous bloomers. 10c each; 1.00 per dozen. Ready April.

Sea Pink—(Armeria)—Very dwarf, requiring no trimming. Flowers rosy pink. 50c per dozen; \$3.00 per 100.

VIOLETS

25c per dozen; \$1.50 per 100.

Princess of Wales—This grand variety is of French origin. Princess of Wales is far ahead of all other violets, producing grand single flowers of a beautiful violet blue color. The best single blue.

Marie Louise—The well-known double light purple variety.

Verbena, Mammoth—The flowers are very large, of brilliant colors, and have large, distinct eyes. All colors: 10c each; \$1.00 per dozen; \$6.00 per 100. Ready April.

HOUSE PALMS

Kentias

The Kentias, both Belmoreana and Forsteriana, are the hardiest in cultivation, and give better satisfaction as a house plant than any other varieties. They are of slow growth, and are not affected by the dust and dry atmosphere of the house, and were we to select one palm only, it certainly would be a kentia. The two varieties are of similar appearance, the former being dwarfer and more spreading, and the latter is of stronger growth with broader heavier foliage.

Fine plants, 5-inch pots, 2½ ft. high, \$1.50 each.

Fine plants 5-inch pots, 3 ft. high.... \$2.00 each.

Fine plants, 6-inch pots, 3½ ft. high, \$3.00 each.

Fine plants, 7-inch pots, 4 ft. high, \$4.00 each.

Fine plants, 8-inch pots, 4½ ft. high, \$5.00 each.

Fine plants, 9-inch pots, 5 to 6 ft. high, \$6.00 to \$7.00 each.

... BEGONIAS ...

Flowering Varieties

Probably the most popular and most satisfactory house plants to be found. They may be grown successfully anywhere, and are ornamental both on account of their bright waxy flowers and clean shining foliage.

Price 25c each.

Alba Picta—Leaves glossy green, thickly spotted with silvery white, flower white.

Argentea Guttata—A handsome foliage variety; purple bronze leaves, oblong in shape with silvery markings, white flowers. An excellent pot plant.

Metallica—A shrubby variety, good grower and free bloomer; leaves triangular; under side of leaf and stem hairy; the surface of a lustrous metallic or bronze color, veined darker, flowers white

Rubra—This Begonia is still a great favorite. The flowers are a rich coral red, hanging in large pendant clusters; these, combined with the rich green foliage, make it one of the best plants for house culture.

Weltoniensis rubra—Very free in bloom, producing immense quantities of flowers.

BEDDING BEGONIAS

Few garden flowers give so much satisfaction as this new race of flowering Begonias. They do well in full sunshine or in partial shade, but should not be planted in deep shade, as they do not color up unless they have some sun.

Apple Blossom—Strong and vigorous grower, 20 inches high; flowers borne profusely all summer and fall. The color of the

flowers is exactly that of apple blossoms, and is finely set off by the bright golden green leaves. 10c each; \$1.00 per dozen.

Erfordia—We can recommend this variety as being one of the best. It grows in symmetrical, compact form, with shining green foliage, continually covered with clusters of rosy salmon flowers. One of the most prolific bloomers in the Begonia family. 10c each; \$1.00 per dozen.

Sanborn's Seedling—(New)—Light Pink, perfectly hardy; a real gem. 25c each; \$2.50 per dozen.

Vulcan—(Scarlet Vernon)—Similar to Vernon in every respect except color of flower, which is an intense scarlet. Fine for bedding. 10c each; \$1.00 per dozen.

Vernon—A variety of unusual merit as a bedding sort. It begins flowering when first planted and continues throughout the whole season until stopped by frost. Foliage rich glossy green, often shaded deep bronze. Flowers at first opening are a deep red, changing to a beautiful clear rose in the fully open flower. 10c each; \$1.00 per dozen.

REX BEGONIAS

(Painted Leaf Begonias.)

Several new varieties have been added to the list of Rex Begonias, furnishing new combinations of coloring, greatly increasing their value as decorative plants for house-culture or baskets and vases. They delight in a moist, shady situation and make excellent plants for baskets and vases if not exposed to the full rays of the sun. Price 25c and 50c each.

BEAUTIFUL FERNS

Our list this year contains many of the old tried-and-true favorites, with those of later introduction which we can earnestly recommend to our patrons.

Adiantum Cuneatum—(Maidenhair Fern)—Very popular; the most graceful and useful in cut flower work. 35c and 50c.

Asplenium falcatum—(Holly Fern)—A favorite variety for house culture; the leaves are dark and very glossy, and the fronds beautifully arched. 5-inch pots, 75c each; 7-inch pots, \$1.00 each.

Asparagus Plumosus—The leaves are a bright green, are gracefully arched, and

are as finely woven* as the finest silken mesh, surpassing Maiden-Hair Ferns in grace, fineness of texture, and richness of color. 25c, 35c 50c and \$1.00 according to size.

Asparagus Sprengerii—A variety of recent introduction. It is as a basket plant that will prove most valuable. 20c, 35c, 50c each.

Asparagus tenuissimus—Is a very pleasing house-plant. Its graceful branches are freely produced, and take the place of smilax. 35c each.

Davallia Bullata (Japan Fern Ball)—A beautiful and hardy fern, well adapted for artificial model work. We have them on hand with the roots bent to form a ball, ready to hang in the parlor or on the porch. 50c each.

Boston Fern—(*Nephrolepis Exaltata Bostoniensis*)—This grand new fern has become very popular. It is one of the very few plants that will thrive under ordinary house care. It grows well, and improves in size where most all other ferns fail. The fronds droop and arch gracefully over the edge of a pot or basket, and, as it is a very rapid grower, it is not long before they reach the floor from an ordinary parlor table. 50c to \$2.50.

Nephrolepis exaltata—(Sword Fern)—A splendid extra hardy sort, well adapted for house culture, succeeding, with ordinary care, with every one who tries it. 50c each.

Nephrolepis Piersonii—New introduction—Fronds long, arched and beautifully crested; of a lovely, soft, pleasing green. It is of rapid growth and soon attains large size. Plants in 4 inch pots, 50c each.

Nephrolepis Scottii—A new introduction—Claimed by introducer to be superior in all respects to the Boston Fern. It is of more rapid growth than the Boston Fern, making a much larger specimen in a much shorter period. Plants in 4 inch pots. 75c each.

SMALL FERNS FOR FERN PANS

The use of ferneries as ornaments for the dinner table is now almost universal. Nothing makes so fine an ornament, and nothing is so well adapted for the purpose. We offer a nice stock of the hardiest varieties, a good collection of the best sorts. Strong plants, 2¼ inch pots, 15c each.

HANGING BASKETS

For the Parlor, Porches and Conservatory. Baskets are our specialty, growing them in large quantities, all sizes, shapes, and different varieties of plants. Price from \$1.50 up according to size.

MOSS FERNS

Selaginellia or *Lycopodium*

20 cents each; \$2.00 per dozen.

Emiliana—The delicate lace-like foliage of this plant makes it a good substitute for *Asparagus* or *Maiden-Hair Fern* in filling Fern dishes, or for table and house decorating in larger sized pots. Upright in growth and easily grown. Its foliage always fresh and green.

Denticulata—A low-growing, drooping variety. Grows rapidly, completely covering its pot in a short time, trailing down the side, forming a complete ball of green.

Denticulata Aurea—Identical with the above except that its foliage is bright yellow, contrasting nicely with the green foliage of other *Lycopodium* and Ferns.

PALMS, DRACENAS, FOR OUTDOOR PLANTING

Chamaerops excelsa—(Japanese Fan Palm)—One of the hardiest of the Fan Palms. Grows from 15 to 20 feet high; very desirable for sidewalk decoration. Boxed \$2.50 each.

Dracaena indivisa—A fine plant for outdoor planting in California, and much in use for lawns, avenues and parks. Balled 2 ft. 25c each.

Dracaena Cordeline—New. \$1.00 each.

Phoenix Canariensis—One of the hardiest of the Date Palms, with dark green feathery foliage, of strong growth, and is especially valuable for outdoor decoration. Pots, 50c, 75c and \$1.00. Boxed, \$2.00, \$2.50 and \$3.00. Large specimens, \$10.00 each.

Washington robusta—One of the hardiest and most beautiful of palms; in habit of growth resembling our well known California Fan Palm. Boxed \$2.50 each; large specimens, \$10.00 each.

...Summer Flowering Bulbs and Roots...

BEGONIAS—TUBEROUS ROOTED

A truly charming class of Begonias, some of them superb. The flowers are very large, often measuring four inches in diameter. They bloom continuously all summer, and in the fall become dormant, the bulbs or tubers being easily cared for until nature again, towards spring, causes them to renew growth. Double, 20c each; \$2.00 per dozen. Single, 15c each; \$1.50 per dozen.

EVER-BLOOMING FRENCH CANNAS

Cannas are without doubt the finest of ornamental plants, producing large, bold foliage of various shades of green and dark metallic hues, while the flowers are massive, and range from orange, yellow and scarlet, deep crimson, and magenta. They are particularly suited to our climate, only requiring abundance of water to produce a grand sub-tropical effect to our gardens.

These are the best varieties in cultivation. Always in bloom; they are not like the other varieties of Cannas that seldom flower, but are always covered with their large, handsome trusses of bloom. 25c each, or \$2.50 per dozen, by express, at purchaser's expense.

DAHLIAS

There is nothing that, with the same amount of money invested, will give more show of flowers than Dahlias. We offer dry bulbs or tubers, but if stock of these becomes exhausted will send started plants

TRUE CACTUS SORTS OF RECENT INTRODUCTION

The petals of the Cactus sorts are long, twisted, quilled, incurved and in many instances resemble chrysanthemums. The variation of colors is remarkable and descriptions do not convey to the reader a hundredth part of their beauties. 25c each; \$2.50 per dozen.

GIANT CYCLAMEN

There are few winter flowering bulbs more attractive than the Cyclamen, being an ideal plant either for greenhouse or window decoration. Not only are they beautiful when in flower, but the foliage is also highly ornamental, being beautifully mottled, and they are therefore highly decorative even when not in flower.

It is often a hard matter to get dry bulbs started into growth. We have, therefore, concluded to send out only nicely started plants, which we feel sure will produce grand results, having been grown from our own choice strain of seed. 25c each.

GLOXINIAS

Charming plants for house culture, bearing freely beautiful trumpet-shaped flowers,

ranging in color from pure white through the various shades of rose to deep crimson and rich violet, some handsomely tinted and blotched. Finest mixed, 15c each; \$1.50 per dozen.

GROFF'S NEW HYBRID GLADIOLI

Awarded Gold Medal, Pan-American Exposition

No collection of named Gladioli can in any way compare with the magnificent hybrid seedlings here offered. In their preparation the most expensive named varieties were used, without regard their cost, comprising hundreds of new varieties practically unknown. So great is the diversity that the purchaser of a thousand bulbs will get few duplicates.

Groff's Hybrid Seedlings—All colors mixed; the most popular strain in America. 75c per dozen; \$5.00 per 100.

JAPANESE IRIS

No effort could convey any accurate idea of the wealth of coloring furnished by this most magnificent summer-flowering plant. Many of the flowers measure from 10 to 12 inches in diameter and rival the Orchids in coloring and markings. They will succeed in almost any soil, but delight in a rich, deep, moist position, and should be abundantly supplied with manure and water. We offer a set of 12 beautiful and distinct sorts for \$2.00... Extra Choice Mixed Varieties, 15c each; \$1.50 per dozen.

THE BEST FOUR LILIES FOR THE GARDEN

If ordered by mail, add 5 cents each for postage.

Auratum—The grandest of all hardy Lilies, with large graceful flowers of a delicate ivory white color thickly studded with chocolate crimson spots, and a bright golden band through the center of each petal. 15c each; \$1.50 per dozen.

Humboldtii—A remarkably fine native variety, attaining a height of from 3 to 5 feet, and producing freely very large orange-red flowers, spotted with purple. 15c each, \$1.50 per doz.

Speciosum Album—Beautiful pure white flowers of large size; 2 to 4 feet high. One of the handsomest and easiest grown Lilies we have. 15c each; \$1.50 per dozen.

Speciosum Rubrum—White, shaded rose and spotted deep red; 3 to 4 feet high. 15c each; \$1.50 per dozen.

TUBEROSES

One of the most charming and fragrant of our summer-flowering bulbs, throwing up large spikes of pure white double flowers which are very useful for decorative work. Plant in the open ground during May. By starting in pots during March a succession of bloom can be had all summer. 50c per dozen.

Fruit Trees, Grape Vines, Small Fruits, &c.

Terms net cash. No premium or discount allowed.

1. This Catalogue cancels all previous prices, either in special lists, offers or catalogues. This rule will be strictly observed.

2. The articles in the following list will be furnished at the annexed prices **only** when the quantity specified shall be taken. **Fifty**, however, will be furnished at the **hundred** rate, and **five** at the **ten** rate. In no case does this mean so many trees of assorted classes, but refers only to **one** class of assorted varieties, for instance, 5 Apples, or 5 Pears, or 5 Plums, of different varieties, but not 2 Apples, 2 Pears and 1 Plum.

3. We warrant all trees and plants to be good, thrifty and true to label, but having no control over the planting or care after delivery to the buyer, we will not be responsible in any other direction than as stated, and accordingly if any tree or plant should prove untrue to kind, we will either replace the same or refund the amount paid; but in no case will we be liable for any sum greater than that originally paid, and this statement is due notice to buyers of the extent of our responsibility for trees and plants after delivery of same shall have been accepted by the buyer.

4. All trees and plants are carefully labeled, and securely packed in the best manner; for which a moderate charge, sufficient to cover cost of material only, will be made; but no charge is made for the delivery of packages at the railroad or express offices at Oakland.

HINTS ON TRANSPLANTING

The many excellent treatises on Fruit Culture which have appeared within the past years—one or more of which should be in the hands of every person intending to plant—render it almost unnecessary to give any directions in that line; yet we are so frequently asked for advice in this way, that we have concluded to offer a few general remarks.

The situation of the orchard having been decided on, the ground should be deeply plowed, subsoiled and thoroughly pulver-

ized. The holes should be dug at least a foot larger in every direction than actually required by the roots when spread out in their natural position. In planting, the top soil should be broken down into the hole, and worked carefully in between every root and fiber, filling up every crevice, that every root may be in contact with soil, and the whole made quite firm as the filling up progresses. The tree, when planted, may in light soil stand from two to three inches deeper than it stood in the nursery, but in heavy clay or wet ground it is advisable to have it stand at the same height as it was before transplanting.

On account of our long, hot, dry summers, it is well to shade the sunny side of the tree, to keep borers out, with a board or shake, stuck in the ground, or a piece of burlap wound loose around the tree up to the limbs, top tied loose with a string. Whitewash made out of whiting or lime will also protect the tree against sunscald.

The following works, by California authors of wide experience, and written with Pacific Coast conditions particularly in view will be found very useful to all Horticulturists:

"California Fruits and How to Grow Them," by Prof. E. G. Wickson, \$2.50.

APPLES

The list below contains only such varieties as have been thoroughly tested, and which possess real merit.

Price, 4 to 6 feet, **25c each, \$2.00 per 10.**

Extra size trees **50c each, \$4.00 per 10.**

Bismark—(New) golden yellow, streaked red.

Gravenstein—Pale yellow, striped with red.

Ben Davis—Large and handsome striped.

Early Harvest—Medium to large yellow.

Newton Pippin—Large yellow, late.

R. I. Greening—Good keeper, juicy, late.

King—Handsome, late red apple.

Red Astrachan—Large, red, crisp, early.

Yellow Bellflower—The favorite California apple.

Esopus Spitzenberg—Large, oblong; yellowish ground, with broken stripes of bright red; flesh yellow, juicy.

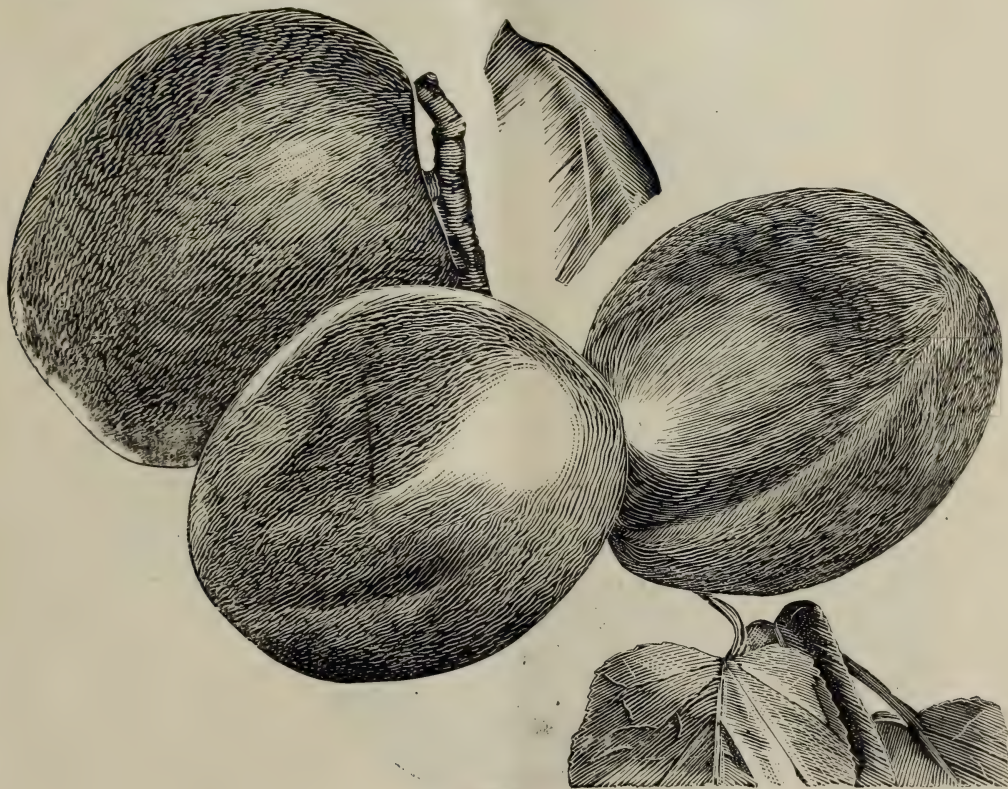
Baldwin—Large, roundish, deep bright red over a yellow ground; flesh yellowish white, crisp, juicy, sub-acid. Ripe in November and December.

White Winter Pearmain—Another sort that bears well in this State. Large, roundish, oblong, and pale yellow.

CRAB APPLES

Price same as Apples.

Red Siberian—Fruit about an inch in diameter. Yellow with scarlet cheek. An erect, free grower. Bears very young.



BLENHEIM APRICOT

Yellow Siberian (Golden Beauty)—Large, color beautiful golden yellow.

APRICOTS

Plant on a northern exposure, so that buds may not start so early as to be injured by late frost. Prune moderately every spring.

Price, 4 to 6 feet, 30c each, \$2.50 per 10.

Blenheim—Flesh juicy, rich; the best.

Moorpark—Large size, rich yellow.

Peach—Very large, handsome; highly flavored.

Royal—Early variety; regular bearer.

NECTARINES

A smooth-skinned fruit resembling the peach; plant in light soil, and prune the young growths thoroughly every year.

Price, 3 to 4 feet, 35c each, \$3.00 per 10. All the best varieties.

PEARS

Pears can be grown in almost any good soil with little care, they generally give very satisfactory results.

Price, 4 to 6 feet, 30c each, \$2.50 per 10. Extra size, 50c each.

Bartlett—Fine and juicy, summer variety.

Duchess—Yellow, with 'russet markings, late.

Dearborn's Seedling—The earliest pear.

Seckel—High flavored, rich and juicy, late.

Winter Nellis—Medium size, fine flavor, late.

CHERRIES

The best results will be obtained by planting on moderately rich, light loam.

Price, 4 to 5 feet, 35c each, \$3.00 per 10.

Extra size trees, 50c each, \$4.00 per 10.

Black Tartarian—Purplish black, one of the finest.

Napoleon Bigarreau (Royal Ann)—The favorite white.

Gov. Wood—Large, yellow and red; the best early.

Lewelling—Large, late black cherry.

Knights—Early black, fine and productive.

Great Bigarreau—Large black, good keeper.

Yellow Spanish—Pale, yellow, fine.

Damson—A great bearer; well known.

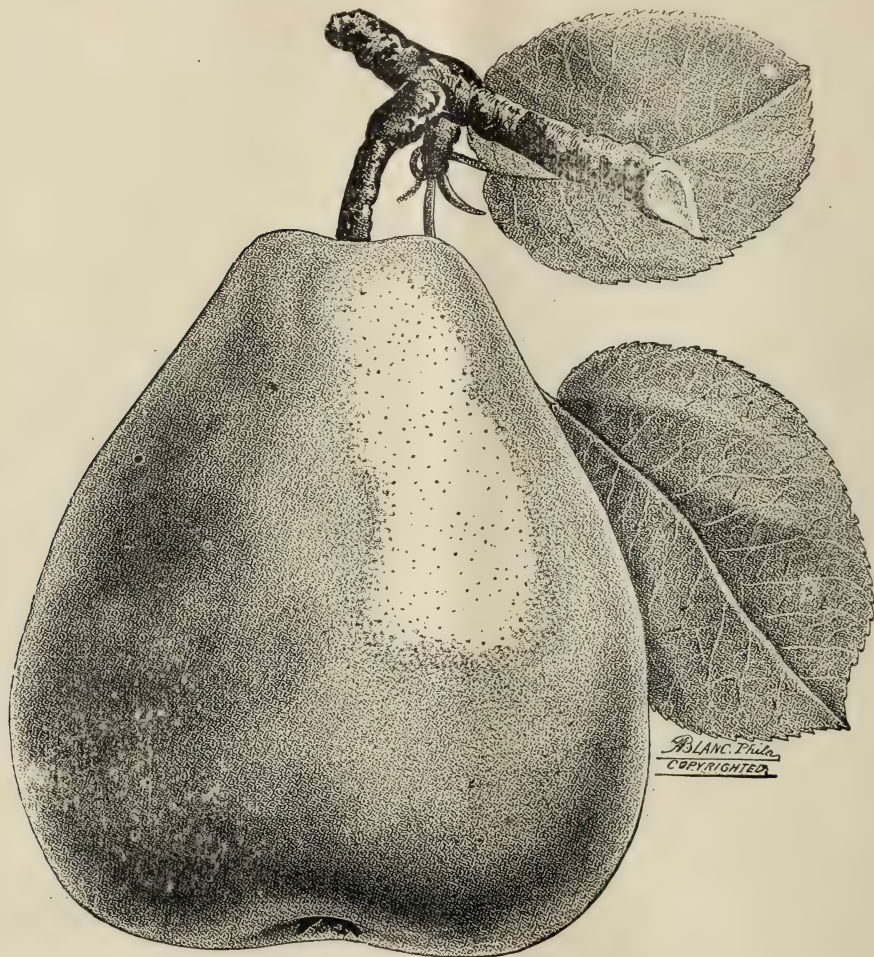
Kelsey Japan—Heart-shaped; greenish yellow.

Green Gage—Small, but of the highest excellence; round, greenish yellow, with brown dots; very juicy and sweet.

Satsuma (Blood Plum)—Dark red bloom.

Washington—Large yellow; one of the best.

Yellow Egg—Yellow, rather acid (cling-stone).



BARTLETT PEAR

PLUMS

They do best planted in rich, heavy loam, well drained.

Price, 4 to 6 feet, 30c each, \$2.50 per 10.

Abundance—Bright cherry color; extra early.

Burbank—Yellow, with red cheek; good.

Bradshaw—Very large, dark violet red; juicy and good. Adhering partially to stone. Fine early plum.

Columbia—Large purple; very fine.

Coe's Golden Drop—Large, light yellow.

PRUNES

Bottom lands are admirably adapted to their successful production.

Price, 30c each, \$2.00 per 10.

French Prune—Violet purple; rich and sugary.

German—Long, oval, skin purple.

Hungarian—Very large; juicy and sweet.

Tragedy—Earliest of all prunes.

PEACHES

Price, 1 year, 4 to 5 feet, 30c each; \$2.50 per 10.

Alexander—Large, early and fine-flavored.

Early Strawberry—One of the best early.

Early Crawford—Fine, yellow-fleshed sort.

Late Crawford—One of the best late varieties.

Foster—Large yellow; extra good.

Hale's Early—Medium size; nearly round.

Morris White—A heavy and regular bearer.

Triumph—Ripens with Alexander, blooms late.

Salway—The best late yellow peach.

Susquehanna—Large and productive.

Muir—The best peach for drying.

Briggs May—The best of its season; good.

Lemon Cling—A most magnificent cling; large.

QUINCES

Price, 4 to 5 feet, 35c each; \$3.00 per 10.

Apple, or Orange—Large, bright yellow. The best. Ripe August and September.

Champion—Very large; flesh cooks as tenderly as an apple, not having hard spots or cores; flavor delicate, imparting an exquisite quince taste and odor to any fruit with which it is cooked.

ALMONDS

Price, 4 to 6 feet, 30c each; \$2.50 per 10; \$18.00 per 100.

Drake's Seedling—Nut large; shell thin. Very prolific and a regular and abundant bearer.

IXL—Large kernels; soft shell. Tree is a strong, upright grower.

Jordan—This new sort is the famous Spanish variety so long sought after by nut growers. First introduced by the late Mr. Rock, of Niles, and later by the United States Department of Agriculture. The nuts are long and are hard-shell; the kernels are single, narrow, long and plump; the kernel is always removed from the nut proper when exported. In this form they bring from eight to ten cents more per pound than any other variety. The tree is a strong, thrifty grower and heavy bearer. Price, 4 to 6 feet, 75c each.

Nonpareil—Large, full kernel; thin shell. Tree of a weeping habit, and a strong grower.

Ne Plus Ultra—Similar to above, but of different habit of growth.

FIGS

50c Each.

California Black—A well-known local variety. Large dark purple, almost black when fully ripe. Makes a good dried fig. Tree grows to a very large size, and gives immense yield. Three to five feet.

White Adriatic—Fruit large, skin greenish-yellow color, pulp carnation red; ripens from August to October. Three to five feet.

WALNUTS

Santa Barbara Soft Shell—The tree is a vigorous grower, an early and abundant bearer. The nut is large, the kernel white and sweet, the shell being easily broken. Three to four feet. 60c each.

OLIVE TREES

Price, 4 to 6 feet, 40c each; \$3.50 per 10.

Mission—The well-known California variety, and still ranks as one of the most productive.

ORANGES

Price, lifted with balls of dirt, 4 to 5 feet, \$2.00 each.

Riverside Washington Navel—Fruit first-class in every respect. Size medium to large, oval, smooth, symmetrical, seedless; pulp fine grained, flavor excellent. A solid, perfect fruit.

Satsuma (Oonshju)—Introduced from Japan. Tree very hardy and of dwarfish, slow growth; fruit medium, irregular, flattened; skin deep orange color; peels very readily; fine grained; sweet and delicious. Very hardy.

LEMONS

Price, lifted with balls of dirt, 4 to 5 feet, \$2.00 each.

Eureka—Tree nearly thornless, of rapid growth, and prolific bearer. Fruit of the best quality. A general favorite.

POMELO, OR GRAPE FRUIT

Price, lifted with balls of dirt, 4 to 5 feet, \$2.00 each.

JAPANESE PERSIMMONS

A magnificent fruit from Japan. Tree highly ornamental. Fruit beautiful in appearance and excellent in quality. 35c each; \$3.00 per 10.

MULBERRY DOWNING

Price, 5 to 6 feet, 50c each.

AMERICAN GRAPES

Price, 20c each; \$1.50 per 10.

This class of grapes is useful in localities where the more tender foreign varieties will not succeed on account of the severe winters. They are also the best for arbors and trellis growing.

Concord—Bunches large, compact. Berries large, round, light red, sweet.

Isabella—Bunches long and loose. Berries large, oval, purple black, sweet and musky.

The Pierce—A sport from the Isabella. It is an immense bearer and strong grower.

Catawba—Bunches large and loose. Berries round, of a coppery red color, vinous and rich.

GRAPES—Foreign Varieties

Price, 15c each; \$1.00 for 10; \$5.00 per 100.

Black Hamburg—Bunches and berries large. Black, very sugary and rich.

Emperor—Bunches large, with large oval, rose-colored berries. One of the most valuable Grapes for shipping long distances.

Flame Tokay—A magnificent, large, red Grape.

Muscat of Alexandria—Bunches and berries large, pale amber. One of the best for raisins.

Rose of Peru—Very large bunches. Berries rounding, brownish black.

Sultana—Bunches long and very compact; berries small, amber colored, seedless, make fine seedless raisins; vine an immense bearer. Grows on sandy soils, producing large crops.

Sweetwater—Bunches good size. Berries medium size, round fruit.

Thompson's Seedless—Vine an enormous bearer and very rapid grower; bunches very large; berries greenish-yellow, firm, oval, seedless.

SELECT SMALL FRUITS

While the list of Small Fruits offered on this page is short, yet it is very select, only the very finest sorts being offered. We think this is better than offering a long list, many of which would be of doubtful value.

BLACKBERRIES

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost everywhere. The varieties offered are the best and most popular sorts.

Price, 50c per 10; \$3.50 per 100.

Kittatinny—The largest and best variety.

Lawton—Late; very productive; sweet.

CURRANTS

Currants do well in partial shade, but require rich soil and good culture. The following are the very best sorts, and are supplied in strong 2-year-old plants:

Price, 15c each; \$1.00 per 10; \$6.00 per 100.

Cherry—Deep red fruit, large and acid.

White Grape—The best white variety.

GOOSEBERRIES

They do best, planted in good, rich ground, kept well worked, and free from grass and weeds.

Price, 20c each; \$1.50 per 10.

Champion—Free from mildew; very good.

Dowing—Good, reliable variety.

RASPBERRIES

Plant in rows about six feet apart and three feet between plants; they like good rich soil, with plenty of manure.

Price, 50c per 10; \$3.00 per 100.

Cuthbert—The largest red raspberry.

Miller Red—Excellent variety; productive.

STRAWBERRIES

Price, 25c per dozen; \$1.50 per 100; \$8.00 1000.

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure is the best. For field culture set in rows 3 or 3½ feet apart, 15 to 18 inches in rows; for garden, 15 inches apart each way, leaving pathway every

third row. To produce fine, large fruit keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated.

Varieties marked (Imp.) are imperfect in blossom and need at least every third or fourth row to be planted with some perfect or staminate sort. Those marked (Per.) are especially good to use as staminates or to be grown alone.

Brandywine (Per.)—Plant, a luxuriant grower, healthy and hardy, and very productive; blossom perfect; fruit very large, of good form, bright red all over, and of good quality. Season, medium to very late. It succeeds on any soil.

Longworth's (Imp.)—An old, popular variety. Fruit small, very sweet. Requires another variety to be planted near it for fertilization.

THE LOGAN BERRY

(Raspberry-Blackberry)

The fruit is as large as the largest-sized blackberry, is of the same shape, with globules similar to that fruit. Color, when fully ripe, a dark rich red. It partakes of both flavors of the raspberry and blackberry, being a combination of the two mixed. Strong 1 year old plants, **20c each; \$1.50 per 10.** Tip rooted, **50c per doz.**

MAMMOTH BLACKBERRY

The fruit is enormously large, some specimens measuring from 2¼ to 2½ inches long; the very largest blackberry known to the world.

It is advisable in planting the Mammoth Blackberry plants that they be given plenty of room. If grown upon a trellis, which is by far the best way, the rows should not be less than 9 feet apart and the plants 6 or 8 feet in the rows. **15c each; \$1.00 per 10; \$6.00 per 100.**

ASPARAGUS

2-year-old roots, per 100, \$1.50; per 1000, \$10.00.

RHUBARB, OR PIE PLANT

Linnaeus—Large, early, tender and fine. The very best of all. **15c each; \$1.00 for 8.**



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..FLORAL DEPARTMENT.. CUT FLOWERS

We carry all cut flowers in season. No orders too small, none too large; all orders have our best attention. We are particularly strong on **American Beauties, Roses, Carnations, Valley, Lillies, 'Mums, Ferns**, all kinds, and miscellaneous small flowers. We make a specialty of

REGULAR CUT FLOWER ORDERS

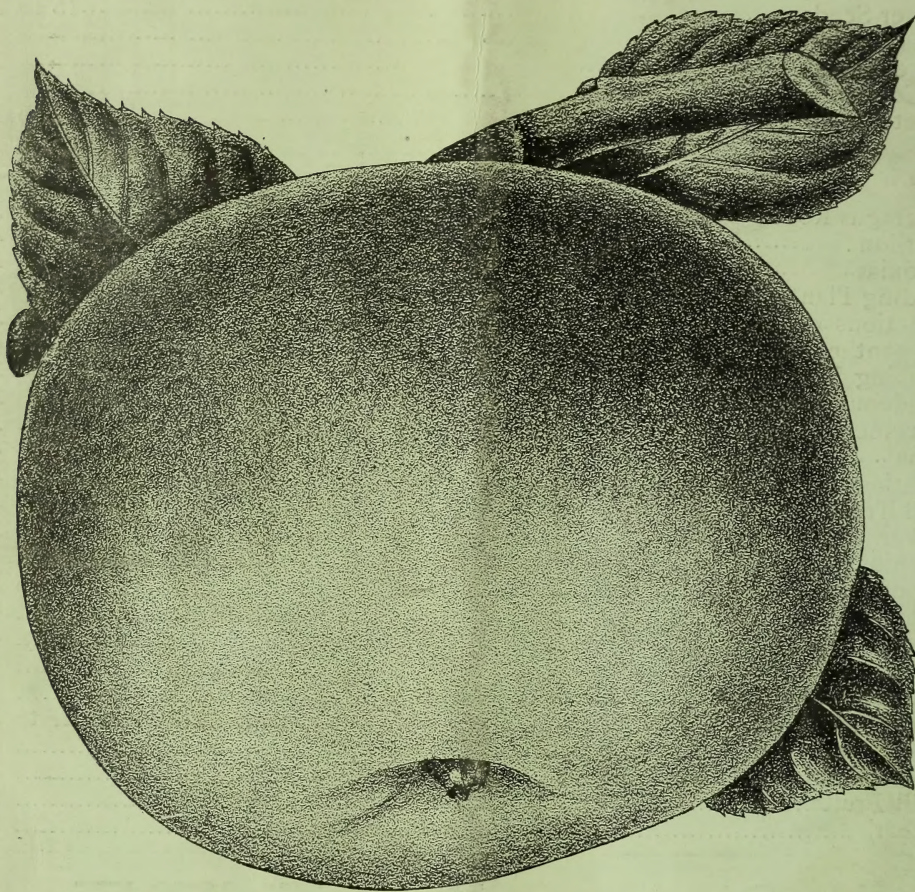
WRITE, TELEPHONE OR TELEGRAPH

In all of our Floral Work we want to impress on customers that the flowers used are of the choicest sorts. We claim to use the best grade of cut blooms to be found anywhere, as we grow the most part of them at our own nursery, thereby assuring customers of their being fresh. We do not intend to compete with Floral Work offered by "Cheap Florists," many of whom have no knowledge of the flowers they use, whether good, bad or indifferent.

Floral Designs for Fraternal Societies, Lodges, Etc., a Specialty
Emblems Made up for any Lodge or Society



BISMARCK APPLE



Tree of short stocky growth, thick healthy foliage; makes beautiful specimens grown in pots for decorative purposes. Fruit large, handsome, yellow, sometimes shaded red cheek; flesh tender, pleasant sub-acid, entirely new in its remarkable quality of producing crops on young trees, seldom failing to bear when two years old.

Trees, 25 Cents each